1

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GenCore version 5.1.6

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M protein - protein search, using sw model

Run on: September 25, 2003, 12:02:46; Search time 16 Seconds

(without alignments)
21.155 Million cell updates/sec

Title: US-09-461-061A-1

Perfect score: 45-451-061A-1

Sequence: 1 NNATFYFK 8

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 2000000000
```

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

		Description	Sequence 1, Appli		Sequence 15, Appl		8	4	30	36,	8, 1	8	8	8	8	ω,	Sequence 8, Appli	8	8	ω,	Sequence 28, Appl	Sequence 32, Appl	Sequence 7660, Ap	Sequence 2, Appli	Sequence 6, Appli	Sequence 6, Appli	ģ	Sequence 6, Appli	Sequence 6, Appli
SOMETIES		DI	US-08-193-114B-1	PCT-US92-06809-1	US-08-676-242-15	US-09-149-727-2	US-09-149-727-8	US-09-149-727-4	US-08-483-140-30	US-08-485-938A-36	US-08-470-187-8	US-08-318-905-8	US-08-483-232-8	US-08-483-140-8	US-08-485-938A-8	US-08-910-041-8	US-09-328-474-8	US-09-100-546-8	US-09-010-715-8	US-09-577-758-8	US-08-483-140-28	US-08-485-938A-32	US-09-328-352-7660	US-08-701-846-2	US-08-480-604A-6	US-08-405-496A-6	US-08-915-136-6	US-08-957-310-6	US-10-011-366-6
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		Match Length DB	117	117	26	602	607	618	193	193	441	441	441	441	441	441	441	441	441	441	444	444	850	905	2710	2710	2710	2710	2710
æ	Query	Match	100.0	100.0	86.7	75.6	75.6	75.6	68.8	6.89	6.89	68.8	68.9	68.9	68.9	68.8	68.9	68.8	68.8	68.9	68.8	68.8	68.9	68.9	68.8	6.89	68.9	68.9	6.89
		Score	45	45	39	34	34	34	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	.31	31	31	31
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App 6, Ap 6, Ap 0, Ap 0, Ap 0, Ap 0, Pp 11 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13		0;
25997 25997 25997 257 257 257 257 257 257 257 257 257 25		Gaps
Sequence	Activation	7;
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97 904 6644 0 0 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0f	. ö
227-357-597 228-352-590 107-591A-20 107-591A-20 146-100-1 146-100-3 146-100-5 146-100-6 146-100-6 146-100-9 146-100-1 146-100-1 146-100-1	ood ibition ragmen' ragmen' on 2945 0' CI1	45; DB 1 No. 0.23; natches
US-09-227-357-597 US-09-227-991A-20366 US-09-107-532A-6644 5200183-5 US-08-446-100-2 US-08-446-100-3 US-08-446-100-3 US-08-446-100-5 US-08-446-100-6 US-08-446-100-6 US-08-446-100-9 US-08-446-100-9 US-08-446-100-9 US-08-446-100-9 US-08-446-100-9 US-08-446-100-10 US-08-446-100-10 US-08-446-100-11 US-08-446-100-11 US-08-446-100-11	LIGNNM of Bl d Inh gen F corgna orgna ricati . 547	Score 45; D Pred. No. 0. Mismatches
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44446666666	US/08119 Alvin Alvin Alvin Alvin Modulal With Ki 2 S.S. S.S. Gonda, P.C. A.A. A.A. C. A. C.	100.0%; 100.0%; :ive
4 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	T. 1 -193-114B-1 -193-114B-1 -193-114B-1 -193-114B-1 -198-114B-1 -198-114B-1 -198-114B-1 -198-114B-1 -198-114B-1 -198-114B-1 -208-12945 -308-1294 -308-1294 -308-1294 -308-1294 -308-1294 -308-1294 -308-129	vat
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	11.4B-1 1. Application U 1. 5479945 1. NFOTATION: D 2. 5479945 2ANT: Schmaler, 2ANT: Schmaler, 2ANT: Schmaler, 2ANT: Jang, Yon OF INVENTION: M OF INVENTION: W OF INVENTION: W SESSEE: Seidel, SESSEE: Monaco, SESSEE: Seidel, SESSEE: Monaco, SESSEE: Monaco, SESSEE:	
000000000000000000000000000000000000000	T. 1 -193-114B-1 -193-114B-1 -193-114B-1	Match Local Sies 8
24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	SGULT 1 Sequence 1, Application US/08195 Betent No. 5472945 GENERAL INFORMATION: APPLICANT: Schmaler, Alvin F APPLICANT: Jiang, Yongping TITLE OF INVENTION: Modulati TITLE OF INVENTION: With Kir NUMBER OF SEQUENCES: 2 CORRESPONDENCE ADDRESS: 3 CORRESPONDENCE ADDRESS: 3 CORRESPONDENCE ADDRESS: 3 ADDRESSEE: Seidel, Gonda, ADDRESSEE: Monaco, P.C. STREET: 1800 Two Penn Cent CITY: Philadelphia STATE: Pennsylvania COUNTRY: U.S.A. ZIP: 19102 COMPUTER READABLE FORM: MEDIUM TYPE: Diskette, 3.5 COMPUTER: IBM PS/2 COMPUTER READABLE FORM: APPLICATION NUMBER: US/08 FILING DATE: J PAUGAT OF CLASSIFICATION NUMBER: US/08 FILING DATE: J AUGUST OF TELECATION NUMBER: Serial FILING DATE: J AUGUST OF TELECATION NUMBER: Serial FILING DATE: J AUGUST OF TELECATION NUMBER: Serial FILING DATE: J AUGUST OF TELECATION NUMBER: SETIAL TELECOMMUNICATION INFORMATION TELECATION NUMBER: 30,46 REFERENCE/DOCKET NUMBER: TELECOMMUNICATION INFORMATION TELECATION NUMBER: 30,46 REFERENCE/DOCKET NUMBER: TELECOMMUNICATION INFORMATION TELECATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS: LENGTH: 117 amino acids TYPE: peptide TYPE: peptide	Query Match Best Local Matches
	THE STATE OF THE S)

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288 NNKPFYFK 295
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Best Local Similarity
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| NATFYFK 7
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US-09-149-727-2
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LENGTH: 602
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
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APPLICANT: The Regents of the University of Michigan
APPLICANT: Schmaler, Alvin H.
APPLICANT: Hasma, Ahmad A.K.
TITLE OF INVENTION: Bradykinin Analogs As Selective Thrombin Inhibitors
FILE REFERENCE: 8820-2 US
CURRENT APPLICATION NUMBER: US/08/676,242C
CURRENT FILING DATE: 2000-07-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                         Sequence 1, Application PC/TUS9206809
GENERAL INFORMATION:
APPLICANT: Schmaier, Alvin H.
APPLICANT: Jiang, Yongping
TITLE OF INVENTION: Modulation of Blood
TITLE OF INVENTION: Pressure by Altering Bradykinin Levels
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS: 2
CORRESPONDENCE ADDRESS: 3
ADDRESSEE: Commonwealth System of Higher Education
STREET: 406 University Services
GITY: Philadelphia
CITY: Philadelphia
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                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: WORDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06809
FILING DATE: 19910813
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: Gerial No. 744,545
FILING DATE: 13 August 1991
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 45; 100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 15, Application US/08676242C Patent No. 6143719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Monaco, Daniel A.
REGISTRATION NUMBER: 30,480
REFERENCE/DOCKET NUMBER: 65
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
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Best Local Similarity 100.
Matches 8; Conservative
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OPERATING SYSTEM: N
                   30 NNATEYEK 37
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 NNATFYFK
                                                                                                         PCT-US92-06809-1
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US-08-676-242-15
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APPLICANT: Kilian, Andrzej
APPLICANT: Kilian, Andrzej
APPLICANT: Kilian, Andrzej
APPLICANT: Kilian, Andrzej
APPLICANT: Keese, Paul Konrad
TITLE OF INVENTION: WICROBIAL BETA-GLUCURONIDASE GENES, GENE PRODUCTS AND
TITLE OF INVENTION: USES THEREOF
FILE REFRENCE: 190106-405
CURRENT APPLICATION NUMBER: US 60/058,263
EARLIER APPLICATION NUMBER: US 60/058,263
EARLIER FILING DATE: 1997-09-09
NUMBER OF SEQ. ID NOS: 71
SOFTWARE: PATENTIN VOY: 2.0
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APPLICANT: Jefferson, Richard A.
APPLICANT: Kilian, Andrej
APPLICANT: Kilian, Andrej
APPLICANT: Keese, Paul Konrad
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 1910106-406
FILE REPERENCE: 1910106-406
GURRENT APPLICATION NUMBER: US 60/058,263
EARLIER PALICATION DATE: 1937-09-09
NUMBER OF SEQ ID NOS: 71
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                 CTHER INFORMATION: Description of Artificial Sequence: Bradykinin; OTHER INFORMATION: analog US-08-676-242-15
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                                                                                                                                                                                                                                                                                                                                                                                                   86.7%; Score 39; DB 3; Length 26; 100.0%; Pred. No. 0.64; O: Indels ive 0; Mismatches 0; Indels
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Pred. No. 1.1e+02;
); Mismatches 2; Indels
EARLIER APPLICATION NUMBER: 60/000,096
EARLIER FILING DATE: 1995-06-09
EARLIER APPLICATION NUMBER: PCT/US96/09940
EARLIER FILING DATE: 1996-06-07
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 15
LENGTH: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2, Application US/09149727
Patent No. 6391547
GENERAL INFORMATION:
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Patent No. 6391547
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             7; Conservative
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Best Local Similarity 75.0
Matches 6; Conservative
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CITY: Chicago
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APPLICANT: Jefferson, Richard A.
APPLICANT: Kilian, Andrzej
APPLICANT: Kilian, Andrzej
APPLICANT: Kilian, Andrzej
TITLE OF INVENTION: WICKOBIAL BETA-GLUCURONIDASE GENES, GENE PRODUCTS AND TITLE OF INVENTION: WICKOBIAL BETA-GLUCURONIDASE GENES, GENE PRODUCTS AND TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 190106.405
CURRENT APPLICATION NUMBER: US/09/149,727
CURRENT FILING DATE: 1908-09-08
EARLIER APPLICATION NUMBER: US 60/058,263
EARLIER PILING DATE: 1977-09-09
NUMBER OF SEQ ID NOS: 71
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                                                                                                             Length 607;
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                                                                                                           Score 34; DB 4; Length 607
Pred. No. 1.2e+02;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: Marshall, O'Toole, Gertein, Murray & Borun 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-483-140-30
Sequence 30, Application US/08483140
Patent No. 5698403
Patent No. 5698403
Patent No. 5698403
Patent INCOMPATION:
APPLICANT: ICOS Corporation
TITLE OF INVENTION: Platelet-Activating Factor Acetyl
TITLE OF INVENTION: Hydrolase
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IMP PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
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APPLICATION NUMBER: US/08/483,140
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                            ; Sequence 4, Application US/09149727
; Patent No. 6391547
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                                                                                                             75.68;
75.08;
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75.0%;
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Best Local Similarity 75.0.
                                                                                                         Query Match
Best Local Similarity 75.0
Matches 6; Conservative
                                                                                                                                                                                                      304 NNKPFYFK 311
; SEQ ID NO 8
; LENGTH: 607
; TYPE: PRT
; CRGANISM: Bacillus sp.
US-09-149-727-8
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STREET: 650.
CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; ORGANISM: Bacillus sp. US-09-149-727-4
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US-09-149-727-4
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIN Release #1.0, Version #1.25
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/08/485,938A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Cousens, Lawrence S.
APPLICANT: Eberhardt, Christine D.
APPLICANT: Gray Partick W.
APPLICANT: Toelker, Hai
APPLICANT: Tjoelker, Larry W.
APPLICANT: Wider, Cheryl L.
TITLE OF INVENTION: Platelet. Activating Factor
TITLE OF INVENTION: Acetylhydrolase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION: 435
PROR APPLICATION DATA:
APPLICATION NUMBER: US 08/318,905
FILING DATE: 06-0CT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/133,803
FILING DATE: 06-0CT-1993
ATTORNEY/AGENT INFORMATION:
NAME: No. 5847088and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 37866/32792
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
APPLICATION NUMBER: US 08/318,905
FILING DATE: 6-OCT-1994
PRIOR APPLICATION DATE:
APPLICATION NUMBER: US 08/133,803
FILING DATE: 6-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: NO. 5698403and, Greta E.
RECISTRATION NUMBER: 35,302
RECISTRATION NUMBER: 35,302
RECISTRATION NUMBER: 35,302
RECISTRATION NUMBER: 35,302
TELEPHONE: (312) 474-6300
TELEPAX: (312) 474-648
INFORMATION: TELEPAX: 25-3658
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-485-938A-36; Sequence 36, Application US/08485938A; Patent No. 5847088
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(312) 474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 68.9%;
Best Local Similarity 71.4%;
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 193 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      :||:|||
143 SATYYFK 149
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FILING DATE:
                                                                                                                                                                                                                                                                                                  ADDRESSEE:
STREET: 63
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                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Coursels, Lawrence S.
APPLICANT: Corelear, Christine E.
APPLICANT: Gray, Patrick W.
APPLICANT: Tjoelker, Larry W.
APPLICANT: Tjoelker, Larry W.
APPLICANT: Milder, Cheryl L.
TITLE OF INVENTION: Platelet-Activating Factor Acetyl
TITLE OF INVENTION: Hydrolase
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gertein, Murray & Borun
STREET: 1000 Sears Tower, 233 South Wacker Drive
                                                                                                                                                             Length 193;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                68.9%; Score 31; DB 1; Length 441; 71.4%; Pred. No. 2.9e+02; ive 2; Mismatches 0; Indels
                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,187
                                                                                                                                                         Score 31; DB 2; I
Pred. No. 1.3e+02;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION TELLING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: NO. 5532152and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 31672
TELECOMMUNICATION INFORMATION:
TELEPRONE: (312) 474-6300
TELEFAX: 212) 474-6300
TELEEX: 25-3658
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
**TOWATH: 441 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                              Sequence 8, Application US/08470187
Patent No. 5532152
GENERAL INFORMATION:
                    36:
                                                                                                                                                           68.9%;
ilarity 71.4%;
Conservative
                                                     : 193 amino acids
amino acid
TELEX: 25-3658
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best_Local Similarity 71.4 Matches 5; Conservative
                                                                                                      ; MOLECULE TYPE: protein US-08-485-938A-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                   STREET: 6300 Sear
CITY: Chicago
STATE: Illinois
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            :||:|||
185 SATYYFK 191
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                                                                                     TOPOLOGY:
                                                     LENGTH:
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Gaps
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                             APPLICANT: Cousens, Lawrence S.
APPLICANT: Eberhardt, Christine D.
APPLICANT: Gray, Patrick W.
APPLICANT: Tjoelker, Hai
APPLICANT: Tjoelker, Larry W.
APPLICANT: Wilder, Cheryl L.
TITLE OF INVENTION: Platelet-Activating Factor Acetyl
TITLE OF SEQUENCES: 26
CORRESPONDENCE: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 441;
                                                                                                                                                                                                                                                                E: Marshall, O'Toole, Gertein, Murray & Borun
6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/318,905
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: COUSENS, Lawrence S.
APPLICANT: Eberhardt, Christine D.
APPLICANT: Gray, Patrick W.
APPLICANT: If Trong, Hai
APPLICANT: Tjoelker, Larry W.
APPLICANT: Wilder, Cheryl L.
TITLE OF INVENTION: Platelet-Activating Factor
TITLE OF INVENTION: Acetylhydrolase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 31; DB 1;
Pred. No. 2.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/133,803
FILING DATE: 6-0CT-1993
ATTORNEY/AGENT INFORMATION:
NAME: No. 5641669and, Greta E.
REGISTRATION NUMBER: 35,302
Sequence 8, Application US/08318905
Patent No. 5641669
GENERAL INFORMATION:
APPLICANT: COUSENS, LAWRENCE S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 32.
TELECOMMUNICATION INFORMATION:
TELEFAHONE: (312) 474-6300
TELEFA: (312) 474-0448
TELEX: 25-3658
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          68.98;
71.48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 441 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ouery Match
Best Local Similarity 71.*
5. Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; MOLECULE TYPE: protein US-08-318-905-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               :||:|||
185 SATYYEK 191
                                                                                                                                                                                                                                                                                                                           Illinois
: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
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Length 441;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 8, Application US/08485938A
Fatent No. 5847088
GENERAL INFORMATION:
APPLICANT: Cousens, Lawrence S.
APPLICANT: Gray, Patrick W.
APPLICANT: Tolosher, Larry W.
APPLICANT: Tjosher, Larry W.
APPLICANT: Tjosher, Larry W.
APPLICANT: Wilder, Cheryl L.
TITLE OF INVENTION: Platelet-Activating Factor
TITLE OF INVENTION: Acetylhydrolase
UNDBER OF SEQUENCES: 36
CORRESONDENCE ADDRESS:
ADDRESSES: Marshall, O'Toole, Gerstein, Murray & ADDRESSES: Marshall, O'Toole, Gerstein, Murra
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 31; DB 1;
Pred. No. 2.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/485,938A FILING DATE: CLASSIFICATION: 435 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/318,905 FILING DATE: 06-OCT-1994 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: No. 5847088and, Greta E.
REGISTRATION NUMBER: 35,302
REFERNICADOCKET NUMBER: 27866/32792
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
                     PRIOR APPLICATION DATA:
PRIOR PAPELICATION NUMBER: US 08/318,905
FILING DATE: 6-OCT-1994
PRIOR PAPELICATION DATE:
APPLICATION NUMBER: US 08/133,803
FILING DATE: 6-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: No. 5698403and, Greta E.
RECISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32781
TELEPHONE: (312) 474-0448
TELEFRAX: (312) 474-0448
TELEFRAX: (312) 474-0448
TELEFRAX: (312) 474-0448
TELEFRAX: 4300
TELEF
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FILING DATE: 06-OCT-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        68.9%;
71.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              : 441 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-483-140-8
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185 SATYYFK 191
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE:
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                                                                        E: Marshall, O'Toole, Gerstein, Murray & Borun 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 8, Application US/08483140
Patent No. 5698403
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Platelet-Activating Factor Acetyl
TITLE OF INVENTION: Hydrolase
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSE: Marshall, O'Toole, Gertein, Murray & Borun
STREET: 6300_Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         68.9%; Score 31; DB 1; Length 441 71.4%; Pred. No. 2.9e+02; ive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSITICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/318,905
FILING DATE: 06-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/133,803
FILING DATE: 06-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: No. 5656431and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 27866/32689
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                       STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPOTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC COMPATIBLE
COMPUTER: PLOPPY DISK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PC-DOS/MS-DOS
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPANE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3658
INFORMATION FOR SEO ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 441 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 68.9
Best Local Similarity 71.4
Matches 5; Conservative
NUMBER OF SEQUENCES: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; MOLECULE TYPE: protein US-08-483-232-8
                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     :||:|||
185 SATYYFK 191
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STATE: Illinois
                                                                                                                                                         CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   90909
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Gaps

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Sequence 8, Application US/09328474 Patent No. 6045794 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Rin-Laures, Li-Hsien
REGISTRATION NUMBER: 33,547
REFERENCE/DOCKET NUMBER: 27
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELES: 25-3558
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                          68.9%;
71.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         68.9%;
ilarity 71.4%;
Conservative
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                          Query Match 68.9
Best Local Similarity 71.4
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; MOLECULE TYPE: protein US-09-328-474-8
                                                                                                                                           :||:|||
185 SATYYEK 191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     :||:|||
185 SATYYFK 191
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Best Local Similarity
Matches 5; Conserv
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Pred. No. 2.9e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           E: Marshall, O'Toole, Gerstein, Murray & Borun 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Chicago
STATE: 111inois
CONTRY: United States of America
ZIP: 6606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BAC compatible
SOFTWARE: PACENTIN Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/910,041
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 8, Application US/08910041
; Patent No. 5977308
; GENERAL INFORMATION:
    APPLICANT: Cousens, Lawrence S.
    APPLICANT: Eberhardt, Christine D.
    APPLICANT: Le Trong, Hal.
    APPLICANT: Le Trong, Hal.
    APPLICANT: Tyoelker, Larry W.
    APPLICANT: Wilder, Cheryl L.
    TITLE OF INVENTION: Platelet-Activating Factor
    TITLE OF INVENTION: Acetylhydrolase
    NUMBER OF SEQUENCES: 30
    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 424
PRIOR APPLICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/483,232
FILING DATE: U7-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/318,905
FILING DATE: 06-0CT-1994
PRIOR APPLICATION NUMBER: US 08/133,803
FILING DATE: 06-0CT-1993
ATTORNEY/AGENT INFORMATION:
NAME: RID-LAUGES, LI-HSIGH
REGISTRATION NUMBER: 33,547
REFERENCE/DOCKET NUMBER: 27866/34026
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3658
INFORMATION FOR SEO ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                     Query Match 68.9%;
Best Local Similarity 71.4%;
Matches 5; Conservative
TELEFAX: (312) 474-0448
TELEX: 25-3658
INFORMATION FOR SEQ ID NO: 8
SEQUENCE CHARACTERISTICS:
                                                                                   LENGTH: 441 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
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amino acid
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185 SATYYFK 191
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                      Length 441;
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Score 31; DB 2; Length 441.
Pred. No. 2.9e+02;
                                                                                                                                                                                                                                                                                                                    APPLICANT: Cousens, Lawrence S.
APPLICANT: Cousens, Lawrence S.
APPLICANT: Gray, Patrick W.
APPLICANT: Gray, Hai
APPLICANT: I of Trong, Hai
APPLICANT: Tjoelker, Larry W.
APPLICANT: Wilder, Cheryl L.
TITLE OF INVENTION: Platelet Activating Factor
TITLE OF INVENTION: Acetylhydrolase
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25 CORRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/328,474
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 31; DB 3;
Pred. No. 2.9e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/483,232
FILING DATE: 07-UNN-1995
PRIOR APPLICATION NUMBER: US 08/318,905
FILING DATE: 06-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/133,803
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 6300 Sears Tower, 233 SOUR CITY: Chicago STATE: 111inois COUNTRY: United States of America ZIP: 60606-6402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08/133,803
FILING DATE: 06-OCT-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Search completed: September 25, 2003, 12:05:40 Job time: 17 secs

us-09-461-061a-1.rai

A.C

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GenCore version 5.1.6

Copyright (c) 1993 2003 Compugen Ltd.

OM protein - protein search, using sw model

Run on: September 25, 2003, 12:04:46; Search time 62 Seconds

(without alignments)

19.523 Million cell updates/sec

1 US-09-461-061A-1

Sequence: 1 NNATFYFK 8

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 566894 seqs, 151307093 residues

Total number of hits satisfying chosen parameters: 566894
```

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Appl	ay.	App	App	App	ppli	ppli	ppli	5. A	App	poli	A	pli	ppli	
ion	ce 29,	ce 5152	ce 566,	ce 566,	ce 319,	ce 2, A	ce 8, A	ce 4, A	ce 1201	ce 118,	Sequence 6, Appli	e 13997	e 8, Ap	ce 1, A	
Description	Sequen	Sednen	Sequence 566, App	Sequen	Sednen	Seguen	Sednen	Seduen	Seanen	Sednen	Seguen	Seguence	Sequence 8, Appli	Seguen	•
ΔΙ	1 US-09-919-039-29	US-10-106-698-5152	US-09-764-847-566	US-10-092-154-566	US-10-238-075-319	US-10-120-145-2	US-10-120-145-8	US-10-120-145-4	US-10-156-761-12015	US-09-801-368-118	US-09-768-235B-6	US-09-815-242-13997	US-09-729-402-8	US-10-161-127-1	
90	11	15	10	15	12	12	12	12	15	10	11	6	6	12	
Query Match Length DB ID	427	42	61	61	541	602	607	618	482	1659	178	224	441	441	
Query Match	100.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6	73.3	71.1	68.8	68.8	68.8	68.8	
Score	45	34	34	34	34	34	34	34	33	32	31	31	31	31	
Result No.		73	e	4	S	ø	7	80	6	10	11	12	13	14	•

Sequence 10, Appl. Sequence 6, Appl. Sequence 158, Appl. Sequence 357, Appl. Sequence 356, Appl. Sequence 209, Appl. Sequence 115, Appl. Sequence 155, Appl. Sequence 155, Appl. Sequence 336, Appl. Sequence 336, Appl. Sequence 5, Appl. Sequence 6, Appl. Sequence 115, Appl. Sequence 115, Appl. Sequence 116, Appl. Sequence 117, Appl. Sequence 6, Appl. Sequence 117, Appl. Sequence 117, Appl. Sequence 117, Appl. Sequence 22, Appl. Sequence 117, Appl. Sequence 117, Appl. Sequence 117, Appl. Sequence 22, Appl. Sequence 6, Appl. Sequence 22, Appl.
US-09-740-046-10 US-10-011-36-6 US-09-510-332-158 US-09-510-332-158 US-09-764-872-355 US-09-764-872-355 US-09-764-872-355 US-09-764-872-356 US-09-864-761-35808 US-09-864-761-35808 US-09-864-761-35808 US-09-864-761-35808 US-09-810-332-99 US-09-510-332-99 US-09-510-332-99 US-09-78-738-4 US-09-78-738-6 US-09-748-7394-18 US-09-748-7394-20 US-10-032-233-8
77777777777777777777777777777777777777
27110 882 882 1108 1108 11027 1127 1183 3008 3008 3008 3008 4455 4455 5744 5744 5744 5744 5744 574
66889 6666777777777777777777777777777777
11111000000000000000000000000000000000

ALIGNMENTS

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RESULT 1
US-09-919-039-29
Sequence 29, Application US/09919039
Sequence 29, Application No. US20030108871A1
GENERAL INFORMATION:
TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES
FILE REFERENCE: PA-0035 US
CURRENT FILING DATE: 2002-09-09
PRIOR PILICATION NUMBER: US/09/919,039
CURRENT PILING DATE: 2000-07-28
PRIOR FILING DATE: 2000-07-28
PRIOR FILING DATE: 2000-07-28
PRIOR FILING DATE: 2000-07-28
FILE REFERENCE: PERL PROGRAM
SEQ ID NO 29
LENGTH: 427
TYPE: PRT
ORGANISM: Homo sapiens
FRATURE:
CORGANISM: Miscale Incyte ID No. US20030108871A1 167507CD1
US-09-919-039-29
Query Match
Best Local Similarity 100.0%; Pred. No. 1.3;
MALCHES SECORDERIVE OF Mismatches O; Indels O; Gaps O;
MATCHES INNATFYER 8
```

 RESULT 2
US-10-106-698-5152
Sequence 5152, Application US/10106698
Publication No. US20030109690A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.

Gaps

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APPLICANT: I.N.S.E.R.M.

TITLE OF INVENTION: Polynucleotides which are of nature B2/D+ A- and which are iso TITLE OF INVENTION: E.Coli, and biological uses of these polynucleotides and of t FILE REFERENCE: BLANDINE
CURRENT APPLICATION NUMBER: US/10/238,075
CURRENT FILING DATE: 2002-09-10
PRIOR FILING DATE: 2000-03-10
NUMBER OF SEQ ID NOS: 1576
SOFWRARE: Patentin version 3.1
SOFWRARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/10120145

Sequence 2, Application US/200301576841

GENERAL INFORMATION:
APPLICANT: Jefferson, Richard A.
APPLICANT: Milian, Andrzej
APPLICANT: Kelse, Paul Konrad
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 190106.405
CURRENT FILING DATE: 2002-04-11
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 09/149,727
PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-08
PRIOR REDIGATION NUMBER: EARLIER PRILING DATE: 1997-09-09
NUMBER OF SEQ ID NOS: 71
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 34; DB 12; Length 541;
Pred. No. 1.7e+02;
); Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 34; DB 12; Length 602;
Pred. No. 1.9e+02;
0; Mismatches 2; Indels
                                                                                                       75.6%; Score 34; DB 15; Length 61; 100.0%; Pred. No. 19; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                         Sequence 319, Application US/10238075
Publication No. US20030148324A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ;
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85.7%;
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ilarity 75.0%;
Conservative
                                                                                     Query Match
Best Local Similarity 100...
6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; ORGANISM: Escherichia coli
US-10-238-075-319
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 75.6
Best Local Similarity 85.7
Matches 6; Conservative
                                       ORGANISM: Homo sapiens
US-10-092-154-566
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Bacillus sp. US-10-120-145-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | |||||
72 NKATEYE 78
                                                                                                                                                                                                                    1 NNATFYF 7
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Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                            2 NATFYF 7
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US-10-238-075-319
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US-10-120-145-2
    LENGTH: 61
                          TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
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TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
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                                                                                                                                                                                                                                                                                                                                                                              ; LOCATION: (42); OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids US-10-106-698-5152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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Patent No. US20020132767A1

GENERAL INFORMATION:

APPLICANT: Rosen et al.

ITILE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC009

CURRENT APPLICATION NUMBER: US/09/764,847

CURRENT FILING DATE: 2001-01-17

Prior application data removed - consult PALM or file wrapper

NUMBER OF SEQ ID NOS: 2003

SOFTWARE: PatentIn Ver: 2.0

SEQ ID NO 566
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Publication No. US20030054375A1

GENERAL INFORMATION:

APPLICANT: ROSEN et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC009C1

CURRENT APPLICATION UNGER: US/10/092,154

CURRENT FILIG DATE: 2002-03-07

NUMBER OF SEQ ID NOS: 2003

Prior Application removed - See File Wrapper or Palm

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 566
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 42;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 61;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1; Indels
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Pred. No. 13;
0; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 34; DB 10;
Pred. No. 19;
                                   CURRENT APPLICATION NUMBER: US/10/106,698
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: PCT/US00/26524
PRIOR FILING DATE: 2000-09-28
PRIOR FILING DATE: 1999-09-29
PRIOR FILING DATE: 1999-09-29
PRIOR FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 8564
SOFTWARE: Patentin Ver. 3.0
SOFTWARE: Patentin Ver. 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
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100.0%; Pre
0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity 85.7
hes 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 75.6
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-764-847-566
                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: MISC_FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        22 NRATEYF 28
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38 NATFYF 43
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US-10-092-154-566
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Best Local S
Matches 6
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GENERAL INFORMATION:
                   US-10-156-761-12015
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APPLICANT:
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APPLICANT:
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APPLICANT:
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APPLICANT:
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ORGANISM:
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Sequence 4, Application US/2030157684A1

GENERAL INFORMATION:

APPLICANT: Jefferson, Richard A.

APPLICANT: Affan, Andrzej

TITLE OF INVENTION: MICROBIAL BETA-GLUCURONIDASE GENES, GENE PRODUCTS AND TITLE OF INVENTION: MICROBIAL BETA-GLUCURONIDASE GENES, GENE PRODUCTS AND TITLE OF INVENTION: MICROBIAL BETA-GLUCURONIDASE GENES, GENE PRODUCTS AND FILE OF INVENTION: MICROBIAL BETA-GLUCURONIDASE GENES, GENE PRODUCTS AND CURRENT APPLICATION NUMBER: US/10/120,145

CURRENT APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/149,727

PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-09-08

PRIOR FILING DATE: EARLIER FILING DATE: 1997-09-09

NUMBER OF SEQ ID NOS: 71

SOFTWARE: PATENTIN Ver. 2.0

SEG ID NOS: 71

FENCINCE APPLICATION VER. CALLIER APPLICATION NUMBER: DELECTION NUMBER: PATENTING DATE: 1997-09-09
                                                                                                                        Sequence 8, Application US/10120145
Sequence 8, Application US/10120145
Publication No. US20030157684A1
GENERAL INFORMATION:
APPLICANT: Usefferson, Richard A.
APPLICANT: Kilian, Andrzej
APPLICANT: Keese, Paul Konrad
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 190106.405
CURRENT APPLICATION NUMBER: US/10/120,145
CURRENT FILING DATE: EARLIER APPLICATION NUMBER: 09/149,727
PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-08
PRIOR FILING DATE: EARLIER FILING DATE: 1997-09-09
NUMBER OF SEQ ID NOS: 71
SOFTWARE: PATENTIN VET. 2.0
SEQ ID NO 8
LENGTH: 607
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 607;
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                       304 NNKPFYFK 311
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US-10-120-145-8
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Best Local Similarity
6; Conserve
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1 NNATFYFK 8
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Best Local Similarity
Matches 6; Conserv
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APPLICANT: Summers, Eric
TITLE OF INNENTION: Methods for Improving Secondary Metabolite Production in Fungi
FILE REFERENCE: 109272.147
CURRENT APPLICATION NUMBER: US/09/801,368
CURRENT FILING DATE: 2010-03-07
PRIOR FILING DATE: 2000-01-19
PRIOR FILING DATE: 1999-10-20
NUMBER OF SEQ ID NOS: 440
SOFTWARE: 1999-10-20
NUMBER OF SEQ ID NOS: 440
SOFTWARE: DATE: 1999-10-20
LENGTH: 1659
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Pred. No. 1.2e+03;
1; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 33; DB 15;
Pred. No. 2.3e+02;
2; Mismatches 1
                                                       APPLICANT: IKEDA, HARUO
APPLICANT: IKEDA, HARUO
APPLICANT: ISHIKAWA, HJON
APPLICANT: ISHIKAWA, HIROSHI
APPLICANT: SHIRAWA, HIROSHI
APPLICANT: SHIRA, TADAYOSHI
APPLICANT: SARAKI, YOSHIYUKI
APPLICANT: HATTORI, MASAHIRA
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2002-05-29
PRIOR PILLING DATE: 2001-05-30
PRIOR PILLING DATE: 2001-05-30
PRIOR PILLING DATE: 2001-05-30
NUMBER OF SEQ ID NOS: 15109
SEQ ID NO 12155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             No. US20020128250Alman; Thea
Royer, John
Salama, Sofie
Sherman, Amir
Silva, Jeff
Sequence 12015, Application US/10156761 Publication No. US20030119018A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 118, Application US/09801368 Patent No. US20020128250A1
                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: PRT; ORGANISM: Streptomyces avermitilis
US-10-156-761-12015
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75.0%;
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Best Local Similarity 62...
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Madden, Kevin
Maxon, Mary
Milne, Todd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 71.1
Best Local Similarity 75.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Busby, Robert
APPLICANT: Cali, Brian
APPLICANT: Hecht, Peter
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93 NNRTYYFE 100
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APPLICANT

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CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                 Length 224;
                                                                                                                                                                                                                                                                                                 Score 31; DB 9; Length 224
Pred. No. 2.5e+02;
L; Mismatches 1; Indels
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COMPUTER: IBM PC compatible
OPERATINE SYSTEM: PC-DOS/MS-DOS
SOFWWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/729,402
FILING DATE: 04-Dec-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eberhardt, Christine D.
Gray, Patrick W.
Le Trong, Hai
Tjoelker, Lary W.
Wilder, Cheryl L.
TITLE OF INVENTION: Platelet-Activating Factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: No. US20010021379Aland, Greta I
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 27866/32793
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-11-27
PRIOR RILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/259,308
PRIOR FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 14110
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 08/318,905
APPLICATION DATE: 06-0CT-1994
APPLICATION NUMBER: US 08/133,803
FILING DATE: 06-0CT-1993
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MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 8, Application US/09729402
Patent No. US20010021379A1
GENERAL INFORMATION:
APPLICANT: Cousens, Lawrence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (312) 474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 441 amino acids
                                                                                                                                                                                                                                                                                               Query Match 68.9%;
Best Local Similarity 71.4%;
Matches 5; Conservative
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INFORMATION FOR SEQ ID NO: 8:
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                                                                                                                                                                                                            ; TYPE: PRT
; ORGANISM: Salmonella typhi
US-09-815-242-13997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Chicago
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28 NNSLFYF 34
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US-09-729-402-8
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TITLE OF INVENTION: Moss genes from Physcomitrella patens encoding proteins
TITLE OF INVENTION: involved in the regulation of cell division, growth and
FITLE OF INVENTION: biomass formation in plants
FILE REFERENCE: 0093/000009
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Pred. No. 2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Identification of Essential Genes in TITLE OF INVENTION: Prokaryotes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/768,235B
CURRENT FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: PCT/EP00/00675
PRIOR FILING DATE: 2000-01-28
NUMBER OF SEQ ID NOS: 45
SOFTWARE: Patentin version 2.1/WordPerfect version 6.1
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1; Mismatches
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CURRENT APPLICATION NUMBER: US/09/815,242
CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/101,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-01-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 13997, Application US/09815242
Patent No. US20020061569A1
                                                                                                                                                      Sequence 6, Application US/09768235B; Publication No. US20030024003A1; GENERAL INFORMATION: APPLICANT: Frank, Marcus; APPLICANT: Reindl, Andreas; APPLICANT: Schmidt, Ralf-Michael; APPLICANT: Freund, Annette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT ORGANISM: Physcomitrella patens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ohlsen, Kari L.
Zyskind, Judith W.
Wall, Daniel
Trawick, John D.
Carr, Grant J.
Yamancto, Robert T.
Xu, H. Howard
                                                                                                                                                                                                                                                                                                                    Ehrhardt, Thomas
Bischoff, Friedrich
Renz, Andreas
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71.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari L.
APPLICANT: Zyskind, Judith W
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 71.4 Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                      Duwenig, Elke
                                                                                                                                                                                                                                                                                                                                                                                                              Cirpus, Petra
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                              1 NNATFYFK 8
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                                                                                                                                      US-09-768-235B-6
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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Query Match
Best Local Similarity 71.4%; Pred. No. 4.9e+02;
Matches 5; Conservative 2; Mismatches 0; Indels
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185 SATYYFK 191
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                                                                                                                                                                                                                                                   Sequence 1, Application US/10161127
Publication No. US20030166225A1
GENERAL INFORMATION
GENERAL INFORMATION
APPLICANT: Ryan, James W.
TITLE OF INVENTION: LIPOPROTEIN-ASSOCIATED PHOSPHOLIPASE A2
TITLE OF INVENTION: LIPOPROTEIN-ASSOCIATED PHOSPHOLIPASE A2
CURRENT APPLICATION NUMBER: US/10/161,127
CURRENT FILING DATE: 2002-05-30
PRIOR FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 2
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Pred. No. 4.9e+02;
2; Mismatches 0; Indels
                                       Score 31; DB 9; Length 441; Pred. No. 4.9e+02; 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, Gerstein & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: LILINOIS
STATE: ILLINOIS
COUNTRY: United States of America
ZIP: 60606-6357
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 8, Application US/10003978A
Publication No. US20030072747A1
GENERAL INFORMATION:
COLORS: Lawrence S.
Gray, Patrick W.
Le Trong, Hai
Tjoelker, Larry W.
Wilder, Cheryl W.
TITLE OF INVENTION: Platelet-Activating Factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/003,978A
FILING DATE: 23-Oct-2001
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA: APPLICATION NUMBER: US 09/729,402
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn version 3.1
                                     Query Match 68.9%;
Best Local Similarity 71.4%;
Matches 5; Conservative
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Best Local Similarity 71.4%;
Matches 5; Conservative
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185 SATYYFK 191
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185 SATYYFK 191
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US-09-729-402-8
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US-10-161-127-1
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NAME: NO. US20030072747Aland, Greta E. REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 27866/37792
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEPHONE: (312) 474-6300
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
APPLICATION NUMBER: US 09/577,758
FILING DATE: 23-MAY-2000
APPLICATION NUMBER: US 09/010,715
FILING DATE: 22-JAN-1998
APPLICATION NUMBER: US 08/480,658
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/318,905
FILING DATE: 06-OCT-1994
APPLICATION NUMBER: US 08/318,803
FILING DATE: 06-OCT-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear

MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
05-10-003-978A-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 441 amino acids TYPE: amino acid
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GenCore version 5.1.6 Copyright (c) 1993 - 2003 Compugen Ltd.
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OM protein - protein search, using sw model

September 25, 2003, 12:05:32; Search time 10.2778 Seconds (without alignments) 82.335 Million cell updates/sec Run on:

SEQ1-SEQ3 101 1 NNATFYFKIDNVKKARVQVV 20 Title: Perfect score:

Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

328717 seqs, 42310858 residues Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Issued_Patents_AA:* Database

1: /cgn2_6/ptodata/1/laa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/laa/5B_COMB.pep:*
3: /cgn2_6/ptodata/1/laa/6A_COMB.pep:*
4: /cgn2_6/ptodata/1/laa/6B_COMB.pep:*
5: /cgn2_6/ptodata/1/laa/RECOMB.pep:*
6: /cgn2_6/ptodata/1/laa/RECOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

,	Appli	Appli	App1		Appli	Appli	Appli	Appli	Appli	Appli	Appli	Appli	, Appl	, Appl	Appli	Appli	Appli	Appli	, Appl	Appli	, Appl	~		Appli	Appli	Appli	Appli
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Description	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence
ID	US-08-193-114B-1	PCT-US92-06809-1	US-08-676-242-15	US-09-257-525A-3	US-08-832-535-2	US-09-019-485-2	US-09-019-485-3	US-09-431-480-9	US-09-617-302-9	US-09-528-436B-2	US-08-791-522-1	US-09-314-777-1	US-09-775-932-14	US-09-775-932-12	PCT-US95-07135-2	US-08-461-030C-2	US-08-744-138-2	US-09-431-480-8	US-09-431-480-10	~	US-09-617-302-10	US-09-241-376-2	US-09-134-001C-2924	US-08-911-321-3	US-08-726-525-4	US-08-487-942-4	US-08-726-036A-4
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% Query Match	100.0	100.0	94.1	66.3	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	39.6	39.6	39.6	39.6	6			39.6		39.6	39.6	39.6	39.1	39.1	39.1
Score	101	101	95	67	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40	40	40	40	40	. 40	40	40	40	40	40	40	39.5	39.5	39.5
Result No.	1	7	m	4	ហ	9	7	œ	σ	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	56	27

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Gaps

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Query Match 100.0%; Score 101; DB 1; Length 117; Best Local Similarity 100.0%; Pred. No. 3.6e-09; Matches 20; Conservative 0; Mismatches 0; Indels

US-08-193-114B-1

Sequence 4, Appli Sequence 36, Appli Sequence 2, Appli Sequence 21, Appli Sequence 21, Appli Sequence 21, Appli Sequence 21, Appli Sequence 12, Appli Sequence 13, Appli Sequence 14, Appli Sequence 15, Appli Sequence 16, Appli Sequence 17, Appli Sequence 18, Ap	Platelet Activation
4 US-09-083-516-4 1 US-08-253-155A-36 1 US-08-766-014-2 1 US-08-766-014-2 1 US-08-562-737-64 1 US-08-61-920-21 1 US-08-431-920-21 1 US-08-431-42-1 1 US-08-459-51-12 1 US-08-459-657-12 2 US-08-460-137-12 2 US-08-466-465-4 5 PCT-US-22-0200-12 6 5223394-6	ALIGNMENTS US/08193114B US/08193114B Modulation of Blood Pressure and Inhibition of With Kininogen Fragment Siss: ', Gonda, Lavorgna & Penn Center Plaza a a. MS-Dos Este, 3.50 inch, 720 Kb '2. MS-Dos I US/08/193,114B DATA: ': US. Application ': Serial No. 5472945 07/744 MUSURT 1991 MATION: ': Serial No. 5472945 07/744 MUSURT 1991 MATION: ': Serial No. 5472945 07/744 MUSURT 1991 MATION: ': Serial No. 5472945 07/774 MUSURT 1991 MATION: ': Serial No. 5472945 07/774 MUSURT 1991 MATION: ': Serial No. 5472945 07/774 MUSURT 1991 MATION: ': TICS: 'ACTOR IN TICS:
.5 39.1 328 .5 39.1 358 .5 39.1 608 39 38.6 530 .5 38.1 514 .5 38.1 514 .5 38.1 514 .5 38.3 524 38 37.6 240 38 37.6 240	Phication 2945 MATION: Schmaier, Vianger Yournon: VENTION: VENTION: VENTION: VENTION: VENTION: Schedel, 1800 Two F 110461phia ennsylvanion: VENTION: Wordperf U.S.A. ON NUMBER:
. 900000000000000000000000000000000000	RESULT 1 US-08-193-114B-1 Sequence 1, Ap GENERAL INFOR APPLICANT: TITLE OF IN SOFTHARES COMPUTER RE MEDIUM TY TELEPHONE TELEPHONE TELEPHONE TELEPHONE TELEPHONE TELEPHONE TELEPHONE TELEPHONE TELEPHONE TELEST: TELEST: TYPEL

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Best Local Similarity
Matches 14; Conserv
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US-09-257-525A-3
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US-09-257-525A-3
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                                                                                                 SEQ ID NO 15
LENGTH: 26
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LENGTH: 15
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                                                                                                                                       TYPE: PRT
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Patent No. 6143719
GENERAL INFORMATION:
APPLICANT: The Regents of the University of Michigan
APPLICANT: Hasan, Alvin H.
APPLICANT: Hasan, Almed A.K.
TITLE OF INVENTION: Bradykinin Analogs As Selective Thrombin Inhibitors
FILE REFERENCE: 8820-2 US
CURRENT APPLICATION NUMBER: US/08/676,242C
CURRENT PILING DATE: 2000-07-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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                                                                                                                                                                  APPLICANT: Schauler, Alvin H.
APPLICANT: Schauler, Alvin H.
APPLICANT: Schauler, Alvin H.
APPLICANT: Jiang, Yongping
TITLE OF INVENTION: Modulation of Blood
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Temple University - Of the
ADDRESSEE: Commonwealth System of Higher Education
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 117;
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100.0%; Pred. No. 3.6e-09;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US92/06809
FILING DATE: 19910813
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. Application
APPLICATION NUMBER: Serial No. 744,545
FILING DATE: 13 August 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Monaco, Daniel A.
REGISTRATION NUMBER: 30,480
REFERENCE/DOOKET NUMBER: 6056-137
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                            STREET: 406 University Services STREET: Building CITY: Philadelphia STATE: Pennsylvania
                                                                                                                                   Sequence 1, Application PC/TUS9206809 GENERAL INFORMATION:
  NNATEYFKIDNVKKARVQVV 20
                    30 NNATEYEKIDNVKKARVQVV 49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     30 NNATFYFKIDNVKKARVQVV 49
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: WordPerfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (215) 568-8383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    : 117 amino acids
AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (215) 568-5549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best_Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PS/2
OPERATING SYSTEM: N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                 U.S.A.
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                                                                                                                 PCT-US92-06809-1
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GENERAL INFORMATION:
APPLICANT: CAMARA Y FERRAR, JOSE ANTONIO
APPLICANT: THURIEAN, CHRISOPHE ALAIN
APPLICANT: MARTINEZ, JEAN
APPLICANT: MARTINEZ, JEAN
APPLICANT: MARTINEZ, JEAN
APPLICANT: GOZE, CATHERINE
TITLE OF INVENTION: RATIONAL SELECTION OF PUTATIVE PEPTIDES FROM IDENTIFIED NUCL
TITLE OF INVENTION: PEPTIDE SEQUENCES OF UNKNOWN FUNCTION
FILE REFERENCE: 6208-0004 (58767-000002)
CURRENT APPLICATION NUMBER: US/09/257,525A
CURRENT FILING DATE: 1999-02-25
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PATENTIN VERSION 3.0
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                                                                                                                                                                                                                                                                      CTHER INFORMATION: Description of Artificial Sequence: Bradykinin; OTHER INFORMATION: analog US-08-676-242-15
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                                                                                                                                                                                                                                                                                                                                                                          94.1%; Score 95; DB 3; Lv 100.0%; Pred. No. 6.8e-09;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       66.3%; Score 67; DB 4; Lv
100.0%; Pred. No. 0.00012;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
EARLIER APPLICATION NUMBER: 60/000,096
EARLIER FILING DATE: 1995-06-09
EARLIER APPLICATION NUMBER: PCT/US96/09940
EARLIER FILING DATE: 1996-06-07
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.1
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Patent No. 5919658
GENERAL INFORMATION:
APPLICANT: LI, HADDONG
APPLICANT: LL, HADDONG
TITLE OF INFORTION: HUMAN CYSTATIN
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 3, Application US/09257525A Patent No. 6507788
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2 NATFYFKIDNVKKARVQVV 20
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                                                                                                                           Score 40.5; D
Pred. No. 25;
3; Mismatches
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43.5%; Pred. No. 25;
tive 3; Mismatches
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                                                                                                                                                                                                                                     61 NNCTNDMFLEKESRITRALVQIV 83
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Li, Haodong
APPLICANT: Yu, Guo-Liang
APPLICANT: Guo-Liang
APPLICANT: Gentz, Reiner
APPLICANT: Ni, Jian
TITLE OF INVENTION: Cystatin F
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                       Sequence 3, Application US/09019485 Patent No. 6066617 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Benson, Robert H.
REGISTRATION NUMBER: 30,446
REFERENCE/DOCKET NUMBER: PF2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: 3013098504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 3013098439
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                           Query Match 40.1%;
Best Local Similarity 43.5%;
Matches 10; Conservative
; LENGTH: 145 amino acids
; TYPE: amino acid
; TOPOLOGY: .linear
; MOLECULE TYPE: protein
US-09-019-485-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 145 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
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Best Local Similarity 43.5
Matches 10; Conservative
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COUNTRY:
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                                                                                               MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/832,535
FILING DATE: U3/3-APF-1997
CLASSIFICATION: 435
ATTONNEY/AGENT INFORMATION:
NAME: KEGISTRATION NUMBER: 34,610
REFERENCE/DOCKET NUMBER: 9F265
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF SEQUENCE: (201) 994-1744
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CRREATERISTICS:
LENGTH: 145 amino acids
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/019,485
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Best Local Similarity 43.5%; Pred. No. 25;
Matches 10; Conservative 3; Mismatches
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Patent No. 6066617
GENERAL INFORMATION:
APPLICANT: Li, Haodong
APPLICANT: Yu, Guo-Liang
APPLICANT: Gentz, Reiner
APPLICANT: Ni, Jian
TITLE OF INVENTION: Cystatin F
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PF265P1
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NAME: BENSON, RODERT H.
REGISTRATION NUMBER: 30,446
REFERENCE/DOCKET NUMBER: PF26:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 3013098504
TELEPAX: 3013098439
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             : 145 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; MOLECULE TYPE: protein US-08-832-535-2
                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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CITY: ROCKVILLE
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                                           COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/791,522
FILING DATE: Filed Herewith
CLASSIFICATION DATA:
APPLICATION DATA:
FILING DATE:
FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Bandman, Olga
APPLICANT: GOLI, Surya K.
ITILE OF INVENTION: NOVEL HUMAN CYSTATIN-LIKE
TITLE OF INVENTION: PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 40.5; DB Pred. No. 31; 3; Mismatches
                                                                                                                                                                                                                                                                        3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E: Incyte Pharmaceuticals, Inc 3174 Porter Drive
                                                                                                                                                                                                                             Score 40.5;
Pred. No. 25
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PRIOR FILING DATE: 1999-04-03
PRIOR APPLICATION NUMBER: 60/014,795
PRIOR FILING DATE: 1996-04-03
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1, Application US/08791522 Patent No. 5935817
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0.
TELECOMMULICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
                                                                                                                                                                                                                             Query Match
Best Local Similarity 43.5%;
Matches 10; Conservative
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Best Local Similarity 43.5%;
Matches 10; Conservative
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Diskett
                                                                                                                                                               ; ORGANISM: Homo sapiens US-09-528-436B-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  amino acid
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                                                                                                                          LENGTH: 145
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 11
US-08-791-522-1
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CITY: Pa
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US-08-791-522-1
                                                                                                       SEO ID NO 2
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APPLICANT: HOLLOway, James L.
APPLICANT: Feldhaus, Andrew
TITLE OF INVENTION: TESTIS SPECIFIC CYSTATIN-LIKE PROTEIN CYSTATIN T
FILE REFERENCE: 98-72 C1
                     TITLE OF INVENTION: TESTIS SPECIFIC CYSTATIN-LIKE PROTEIN CYSTATIN T
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                                                                                                                                                                                                                                                                                                                                                          Length 145;
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Pred. No. 25;
3; Mismatches
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CURRENT FILING DATE: 2000-07-17
PRIOR APPLICATION NUMBER: 09/431,480
PRIOR FILING DATE: 1999-11-01
PRIOR FILING DATE: 1998-11-02
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1999-09-28
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Li, et al.
TITLE OF INVENTION: Human Cystatin F
FILE REFERENCE: PF265FD1D.
CURRENT APPLICATION NUMBER: US/09/528,436B
CURRENT FILING DATE: 2000-03-17
PRIOR FILING DATE: 1998-01-29
PRIOR FILING DATE: 1998-01-29
PRIOR APPLICATION NUMBER: 08/832,535
                                  FILE REFERENCE: 98-72
CURRENT APPLICATION NUMBER: US/09/431,480
CURRENT FILING DATE: 1999-11-01
EARLIER APPLICATION NUMBER: 60/109,217
EARLIER FILING DATE: 1998-11-20
EARLIER FILING DATE: 1999-09-28
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 40.1%; Score 40.5; I Best Local Similarity 43.5%; Pred. No. 25; Matches 10; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                     1 NNAT---FYFKIDNVKKARVQVV 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 9, Application US/09617302
Patent No. 6245529
                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 43.5%;
Matches 10; Conservative
  APPLICANT: Feldhaus, Andrew
                                                                                                                                                                                                                                                                    TYPE: PRT
CORGANISM: Homo sapiens
US-09-431-480-9
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ORGANISM: Homo sapiens
US-09-617-302-9
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US-09-528-436B-2
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                                                                                                                                                                                                                             SEQ ID NO 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: University of British Columbia
TITLE OF INVENTION: Production and use of Modified Cystatins
FILE REPERENCE: 58069
CURRENT APPLICATION NUMBER: US/09/775,932
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: CA99/00717
PRIOR APPLICATION NUMBER: 60/095,503
PRIOR APPLICATION NUMBER: 60/095,503
PRIOR FILING DATE: 1998-08-05
NUMBER: 05 SEQ. ID NOS: 32
COURTANDE: DATACTION NOWER: 60/095,503
COURTANDE: DATACTION NOWER: 60/095,503
COURTANDE: DATACTION NOWER: 60/095,503
COURTANDE: DATACTION NOWER: 32
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                                                                                                                               Length 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: BM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UNMER: PCT/US95/07135
FILING DATE: 05-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN, ADDRESSEE: CECCHI, STUART & OLSTEIN STREET: 6 Becker Farm Road
                                                                                                                                                                                8; Mismatches
                                                                                                                                    Score 40;
Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 2, Application PC/TUS9507135
GENERAL INFORMATION:
APPLICANT: Wi, Jiang
APPLICANT: Yu, Guo-Liang
APPLICANT: Rosen, Craig
TITLE OF INVENTION: HUMAN CYSTATIN ENUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                       US-09-775-932-12
Sequence 12, Application US/09775932
Patent No. 6534477
GENERAL INFORMATION:
                                                                                                                                                                                                                          1 NNATEYFKIDNVKKARVQVV 20
                                                                                                                                                                                                                                                      35 SNSIYYFRDTHIIKAQSQLV 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 NNATFYFKIDNVKKARVQVV 20
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                                                                                                                                  Query Match 39.6%;
Best Local Similarity 35.0%;
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 35.v.
7; Conservative
                                         TYPE: PRT
CORGANISM: Homo sapiens
US-09-775-932-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Homo sapiens US-09-775-932-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Roseland
STATE: New Jersey
COUNTRY: UŚA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 0
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Pat
SEQ ID NO 12
LENGTH: 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PCT-US95-07135-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
SEQ ID NO 14
LENGTH: 121
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Patent No. 6534477

GENERAL INPORMATION:

APPLICANT: University of British Columbia

TILLE OF INVENTON: Production and use of Modified Cystatins

TILLE REFERENCE: 58069

CURRENT FILING DATE: 2001-02-02

PRIOR FILING DATE: 1999-08-05

PRIOR SEQ ID NOS: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           40.1%; Score 40.5; DB 3; Length 178;
43.5%; Pred. No. 31;
tive 3; Mismatches 7; Indels
                                                                              Sequence 1, Application US/09314777

Patent No. 6110686

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: NOVEL HUMAN CYSTATIN-LIKE
TITLE OF INVENTION: NOVEL HUMAN CYSTATIN-LIKE
TITLE OF INVENTION: PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/314,777
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY FAGENT INFORMATION:
NAME: B111ngs, Lucy J.
REGISTRATION NUMBER: 36,749
REPERENCE/COCKET NUMBER: PF-0193 US
TELECHONE: 415-855-055
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                83 NNCTNDMFLFKESRITRALVQIV 105
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 178 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
CLONE: 30443
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 43.5%
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                 USA
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US-09-775-932-14
                                                              JS-09-314-777-1
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Sequence 6055, App
Sequence 376, App
Sequence 2, Appli
Sequence 197, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 23, Appli
Sequence 26, Appli
Sequence 26, Appli
Sequence 263, Appli
Sequence 263, Appli
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Sequence 215, App
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                                                                                                                      September 15, 2003, 12:13:07; Search time 16.1111 Seconds (without alignments) 187.829 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.ppp:*
2: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.ppp:*
3: /cgn2_6/ptodata/1/pubpaa/US06_PUBC.Bpp:*
3: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.ppp:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.ppp:*
5: /cgn2_6/ptodata/1/pubpaa/US02_NEW_PUB.ppp:*
7: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.ppp:*
7: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.ppp:*
7: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.ppp:*
7: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.ppp:*
7: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.ppp:*
7: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.ppp:*
7: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.ppp:*
7: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.ppp:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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US-09-935-682-3

US-10-316-253-217

US-09-738-626-6055

US-09-738-626-6055

US-09-746-783-197

US-09-746-783-197

US-09-76-9334-1

US-09-775-932-14
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US-10-074-475-263
US-09-925-301-947
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                                                                                                                                                                                                                                                                                                                                                                                          Potal number of hits satisfying chosen parameters:
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                                                                                                                                                                                                                                                                                                                                                     566894 segs, 151307093 residues
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Published_Applications_AA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                             protein search, using sw model
                                                                                                                                                                                                                                             1 NNATEYFKIDNVKKARVQVV 20
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                   Minimum DB seq length: 0
Maximum DB seq length: 200000000
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Match Length DB
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101
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Perfect score:
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                                                                                                                                                                                                                                             Sequence:
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                                                                                                                      Run on:
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 16
 39.5
 39.1
 320
 18.09-840-707A-7
 Sequence 7, Appli

 17
 39.5
 39.1
 320
 11
 US-09-88-319-4
 Sequence 7, Appli

 18
 39.5
 39.1
 320
 11
 US-10-326-040-1
 Sequence 1, Appli

 20
 39.5
 39.1
 872
 12
 US-10-326-040-5
 Sequence 3, Appli

 21
 39.5
 39.1
 872
 12
 US-10-326-040-5
 Sequence 3, Appli

 23
 39.5
 39.1
 872
 12
 US-10-326-040-7
 Sequence 3, Appli

 24
 39.5
 39.1
 872
 12
 US-10-326-040-7
 Sequence 6, Appli

 25
 39.1
 872
 12
 US-10-326-040-7
 Sequence 6, Appli

 26
 39
 38.6
 17
 12
 US-10-326-040-7
 Sequence 6, Appli

 26
 39
 38.6
 17
 12
 US-10-326-040-7
 Sequence 6, Appli

 26
 39
 38.6
 17
 12
 US-10-48-86
 Sequence 6, Appli</t

ALIGNMENTS

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Sequence 29, Application US/09919039
Publication No. US20030108871A1
GENERAL INFORMATION:
APPLICANT: Kaser, Matthew R.
TILE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES
FILE REFERENCE: PA-0035 US
CURRENT APPLICATION NUMBER: US/09/919,039
CURRENT APPLICATION NUMBER: 60/222,113
PRIOR FILING DATE: 2000-07-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Societe de Conseils de Recherches et D'Applications Scientifiques
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OTHER INFORMATION: Incyte ID No. US20030108871A1 167507CD1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 101; DB 11; 100.0%; Pred. No. 3.5e-08;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Similarity 100.
20; Conservative
                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 401
SOFTWARE: PERL Program
                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
US-09-919-039-29
                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-919-039-29
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US-09-935-682-3
                                                                                                                                                                                                                                                                                       LENGTH: 427
                                                                                                                                                                                                                                                                    SEQ ID NO 29
                                                                                                                                                                                                                                                                                                             TYPE: PRT
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                          5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                      1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AFPLICANT: OZAKI, AKIO
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REPERENCE: 249-125
CURRENT APPLICATION NUMBER: US/09/738,626
CURRENT APPLICATION NUMBER: US/09/738,626
CURRENT FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: JP 99/377484
PRIOR FILING DATE: 1999-12-16
PRIOR PRILING DATE: 2000-04-07
PRIOR FILING DATE: 2000-04-07
PRIOR FILING DATE: 2000-08-03
NUMBER OF SEQ ID NOS: 7059
SOFTWARE: PATENTIN NOS: 7059
                                                 PRIOR APPLICATION NUMBER: US 60/355,295 PRIOR FILING DATE: 2002-02-08 NUMBER OF SEQ ID NOS: 308 SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6055, Application US/09738626 Publication No. US20020197605A1 GENERAL INFORMATION: APPLICANT: NAKAGAWA, SATOSHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       , ORGANISM: Corynebacterium glutamicum US-09-738-626-6055
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 376, Application US/09801368
Patent No. US20020128250A1
GENERAL INFORMATION:
APPLICANT: Busby, Robert
APPLICANT: Call, Brian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         :| |||||| |||| ||||
292 HNHIFYFKIDTVKKATSQVV 311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 NNATEYFKIDNVKKARVQVV 20
                      CURRENT FILING DATE: 2002-12-10
                                                                                                                                                                                                                                                                                                                                                                           65.3%;
70.0%;
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ANDO, SEIKO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HAYASHI, MIKIRO
OCHIAI, KEIKO
YOKOI, HARUHIKO
TATEISHI, NAOKO
SENOH, AKIHIRO
IKEDA, MASATO
                                                                                                                                                                                                                                                                                   Rattus norvegicus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |||:|:|:| |:
|154 YFKVDDVEKIEVR 166
                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 70.0°
Matches 14; Conservative
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Best Local Similarity 53.6-
المالية المال
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Holtzman, Doug
Madden, Kevin
Maxon, Mary
                                                                                                                                                                                                                                                                            ; ORGANISM: Rati
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-801-368-376
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LENGTH: 282
                                                                                                                                                                                SEQ ID NO 215
LENGTH: 430
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APPLICANT: Ferrer, Camara Y.

TITLE OF INVENTION: Rational Selection of Putative Peptides from Identified Nucleotid
TITLE OF INVENTION: Peptide Sequences
TITLE OF INVENTION: Peptide Sequences
FILE REFERENCE: 58/67,000005
CURRENT APPLICATION NUMBER: US/09/935,682
CURRENT FILING DATE: 2001-08-24
FRIOR FILING DATE: 109/257,525
FRIOR FILING DATE: 199-02-25
FRIOR FILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 73
SOFTWARE: Patentin version 3.1
SEQ ID NO 3
LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 73.3%; Score 74; DB 9; Length 16; Best Local Similarity 100.0%; Pred. No. 2.1e-05; Matches 15; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 217, Application US/10316253
Publication No. US20030162706A1
GENERAL INFORMATION:
APPLICANT: The Procter & Gamble Company
APPLICANT: Thompson, Larry
APPLICANT: Thompson, Larry
APPLICANT: Thompson, Larry
APPLICANT: Wang, Feng
APPLICANT: Wang, Feng
TITLE OF INVENTION: Anglogenesis Modulating Proteins
TITLE OF INVENTION: Anglogenesis Wodulating Proteins
CURRENT APPLICATION NUMBER: US/10/316,253
CURRENT FILING DATE: 2002-12-10
PRIOR FILING DATE: 2002-02-08
NUMBER OF SEQ ID NOS: 308
SOFTWARE: PatentIn version 3.1
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Publication No. US20030162706A1

GENERAL INFORMATION:
APPLICANT: The Procter & Gamble Company
APPLICANT: Thompson, Larry
APPLICANT: Thompson, Larry
APPLICANT: Greis, Kenneth
TITLE OF INVENTION: Anglogenesis Modulating Proteins
FILE REFERENCE: 8865A

CURRENT APPLICATION NUMBER: US/10/316,253
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: PRT
; ORGANISM: Rattus norvegicus
US-10-316-253-217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
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US-10-316-253-217
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US-10-316-253-215
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Fechtel, Kim
TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
ENCODING THEM
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                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN CYSTATIN-LIKE PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      40.1%; Score 40.5; I
43.5%; Pred. No. 58;
Live 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/746,783
FILING DATE: 21-Dec-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STANDEDNESS: «Unknown»

TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 197:
US-09-746-783-197
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                                                                 Treacy, Maurice
Spaulding, Vikki
Agostino, Michael J.
Howes, Steven H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Milabaincic, Debra J.
REGISTRATION NUMBER: 46, 93.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
INFORMATION FOR SEQ ID NO: 197:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 NNAT---FYFKIDNVKKARVQVV 20
    McCoy, John M.
LaVallie, Edward R.
Racie, Lisa A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                    Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 167 amino acids
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                                                                                                                                                                                                                NUMBER OF SEQUENCES: 231
                                                                                                                                                                                                                                                                                                                                   COUNTRY: U.S.A.
ZIP: 02140
COMPUTER READABLE FORM:
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Best Local Similarity 43.5
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                              Cambridge
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                                                                                                                   APPLICANT: Summers, Eric
TITLE OF INVENTION: Methods for Improving Secondary Metabolite Production in Fungi
FILE REFERENCE: 109272.147
FILE REFERENCE: 109272.147
CURRENT APPLICATION NUMBER: US/09/801,368
CURRENT FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US 60/160,587
PRIOR PILING DATE: 1999-10-20
PRIOR FILING DATE: 1999-10-20
SOFTWARE: Patentin version 3.0
SEQ ID NO3: 440
SEQ ID NO 376
LENGTH: 717
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FILE REFERENCE: PF265PLD2
CURRENT APPLICATION NUMBER: US/10/329,428
CURRENT APPLICATION NUMBER: US/0/329,428
FILOR APPLICATION NUMBER: 06/014,795
PRIOR FILING DATE: 1996-04 03
PRIOR FILING DATE: 1997-04 03
PRIOR FILING DATE: 1998-01 29
PRIOR FILING DATE: 2000-03-17
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 40.1%; Score 40.5; Dest Local Similarity 43.5%; Pred. No. 50; Matches 10; Conservative 3; Mismatches
Milne, Todd
No. US20020128250Alman, Thea
Royer, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 NNAT --- FYFKIDNVKKARVQVV 20
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                                                                                                                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Saccharomyces cerevisiae US-09-801-368-376
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ||| :||| :||| :| ||:: :
255 NNAEGKLRIDNTEKDRIRQI 274
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                                                          Salama, Sofie
Sherman, Amir
Silva, Jeff
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
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                                                            APPLICANT:
APPLICANT:
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Gaps
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                                              APPLICANT: University of British Columbia
TITLE OF INVENTION: Production and use of Modified Cystatins
FILE REPERENCE: 58069
CURRENT APPLICATION NUMBER: US/09/775,932
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: CA99/00717
PRIOR APPLICATION NUMBER: 60/095,503
PRIOR APPLICATION NUMBER: 60/095,503
PRIOR FILING DATE: 1998-08-05
NUMBER OF SEQ ID NOS: 32
                                                                                                                                                                                                                                                                                                                                                                                                                 Score 40; DB 10; Length 128;
Pred. No. 52;
8; Mismatches 5; Indels
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GENERAL INFORMATION: 0220030087321A1

GENERAL INFORMATION:
APPLICANT: TOMICH, Che-Shen
APPLICANT: QUINN, Cheryl
APPLICANT: AFFIDSON, Staffan
APPLICANT: HARRIS, Douglas
APPLICANT: MOTT, John
TITLE OF INVENTION: ANTIMICROBIAL METHODS AND MATERIALS
FILE REFERENCE: 6212.N2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ٠<u>,</u>
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Pred. No. 62;
8; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION TO THE ALCONOMINATION TO THE APPLICATION TO THE APPLICATION HUMAN CYSTATIN E FILE OF INVENTION: HUMAN CYSTATIN E FILE REFERENCE: PEOZORDIO CURRENT FILING DATE: 2001-08-29 PRIOR APPLICATION NUMBER: US 09/241,376 PRIOR PELICATION NUMBER: US 08/744,138 PRIOR PELICATION NUMBER: US 08/461,030 PRIOR FILING DATE: 1996-11-05 PRIOR FILING DATE: 1995-06-05 NUMBER OF SEQ ID NOS: 13 SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 NNATFYFKIDNVKKARVQVV 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              :|::||::||: 42 SNSIYYFRDTHIIKAQSQLV 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2, Application US/09940497 Patent No. US20020052476A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 NNATFYFKIDNVKKARVQVV 20
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63 SNSIYYFRDTHIIKAQSQLV 82
                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 39.6%;
Best Local Similarity 35.0%;
Matches 7; Conservative
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35.0%;
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                                                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Homo sapiens US-09-775-932-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Homo sapiens US-09-940-497-2
                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 13
US-09-966-521-126
                                                                                                                                                                                                                                                                                     SEQ ID NO 12
LENGTH: 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-940-497-2
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                                                                                                                                                                                                                                                                   SOFTWARE:
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Patent No. US20020137671A1
GENERAL INFORMATION:
TGENERAL INFORMATION:
TITLE OF INVENTION:
FILE REFERENCE: 58069
CURRENT APPLICATION NUMBER: US/09/775,932
CURRENT FILING DATE: 2001-02-02
PRIOR PELICATION NUMBER: G099/00717
PRIOR PELICATION NUMBER: 60/095,503
PRIOR FILING DATE: 1999-08-05
PRIOR FILING DATE: 1998-08-05
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PATENTIN VOICE: 32
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SOFTWARE: FastSEO for Windows Version 2.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/969,834
FILING DATE: 01-0ct-2001
CLASSIFFCATION: «Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/471,765
FILING DATE: «Unknown>
APPLICATION NUMBER: US/08/791,522
FILING DATE: «UNKNOWN>
FILING DATE: «UNKNOWN>
APPLICATION NUMBER: 09/471,765
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 10;
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39.6%; Score 40; DB 10;
Best Local Similarity 35.0%; Pred. No. 49;
Matches 7; Conservative 8; Mismatches 5
                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0193 US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 40.1%; Score 40.5; Best Local Similarity 43.5%; Pred. No. 62; Matches 10; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; SEQUENCE DESCRIPTION: SEQ ID NO: 1: US-09-969-834-1
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US-09-775-932-12
: Sequence 12, Application US/09775932
                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 178 amino acids
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                                                                                                                                                                                                                                             FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
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; ORGANISM: Homo sapiens
US-09-775-932-14
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US-09-775-932-14
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Fatent No. US20020052308A1
GENERAL INCORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REPRENCE: PA106
CURRENT APPLICATION NUMBER: US/09/925,301
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05882
PRIOR FILING DATE: 1999-03-12
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1694
SOFTWARE: PatentIn Ver: 2.0
                                                                                                                                                                                                                                         Length 431;
                                                                                                                                                                                                                                       Score 40; DB 11; Length 43
Pred. No. 1.9e+02;
3; Mismatches 5; Indels
CURRENT APPLICATION NUMBER: US/09/966,521
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 145
SOFTWARE: PatentIn version 3.0
SEQ ID NO 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 263, Application US/10074475
Publication No. US20030092898A1
GENERAL INFORMATION:
APPLICANT: Salceda, Susana
APPLICANT: Macina, Roberto
APPLICANT: Hacina, Roberto
APPLICANT: Recipon, Herve
APPLICANT: Karra, Kalpana
APPLICANT: Carra, Kalpana
APPLICANT: Sun, Yongming
APPLICANT: Liu, Chenghua
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        119 NNSTMKIDHFQLDNEKPMRV 138
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                                                                                                                                                                   ; ORGANISM: Staphylococcus aureus US-09-966-521-126
                                                                                                                                                                                                                                       Query Match
Best Local Similarity 42.9%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                              || || || || 321 NNGDTYFRVQTIKK 334
                                                                                                                                                                                                                                                                                                                                 1 NNATFYFKIDNVKK 14
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US-10-074-475-263
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                                                                                                                                               TYPE: PRT
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TENGTH: 316

TYPE: PRT

CORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE

LOCATION: (293)
COTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
LOCATION: (312)
COTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
CO-09-925-301-947

QUETY MATCH

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September 25, 2003, 12:05:32; Search time 16.444 Seconds (without alignments) 82.335 Million cell updates/sec
GenCore version 5.1.6 Copyright (c) 1993 - 2003 Compugen Ltd.
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161
1 TLTHTITKLNAENNATFYFKIDNVKKARVQVV 32
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                                                                                  OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
                                                                                                                                                                                                        Title:
Perfect score:
Sequence:
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Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries Issued_Patents_AA:* Database

1: /cgg_2_6/ptodata/1/laa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/laa/5B_COMB.pep:*
3: /cgn2_6/ptodata/1/laa/6A_COMB.pep:*
4: /cgn2_6/ptodata/1/laa/6B_COMB.pep:*
5: /cgn2_6/ptodata/1/laa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/1/laa/PCTUS_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	i a,	Sequence 1, Appli Sequence 15, Appl	'n	7	16	16,	16,	11,	Seguence 12, Appl	Sequence 2, Appli	ď	3,	Sequence 9, Appli	σì	7	Seguence 1, Appli	1,		•			11,	14,	14,	19,	22,
ID	US-08-193-114B-1	PCT - US92 - U6809 - 1 US-08-676-242-15	US-09-257-525A-3	US-08-533-669A-16	US-09-183-861-16	US-09-022-765-16	US-09-551-974A-16	US-08-483-926A-11	US-08-737-045-12	US-08-832-535-2	US-09-019-485-2	US-09-019-485-3	US-09-431-480-9	US-09-617-302-9	US-09-528-436B-2	US-08-791-522-1	US-09-314-777-1	US-09-134-001C-2927	US-08-415-751-20	US-09-328-352-5052	US-08-751-359-11	US-08-907-146-11	US-08-259-372A-14 '	US-08-468-671-14	US-09-390-234-19	US-09-390-234-22
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Length	117	117	15	701	701	701	701	352	352	145	145	145	145	145	145	178	178	284	350	351	126	126	128	128	400	400
% Query Match	100.0	59.0	41.6	32.3	32.3	32.3	32.3	30.7	30.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	28.6	28.6	28.6	28.6	28.6	28.6
Score	161	101	67	52	52	52	70	7 (49.5	48	48	48	48	48	48	48	48	48	48	48	46	46	46	46	46	46
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CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

FILING DATE: 9 February 1994

CLASSIFICATION NUMBER: US./08/193,114B

FILING DATE: 9 February 1994

CLASSIFICATION NUMBER: U.S. Application
APPLICATION NUMBER: U.S. Application
APPLICATION NUMBER: U.S. Application
APPLICATION NUMBER: 30.480

FILING DATE: 13 August 1991
ATTORNEY/AGENT INFORMATION:
FELEFORMUNICATION NUMBER: 6056-137 C11

TELECOMMUNICATION INFORMATION:
TELEFORM: (215) 568-5549

TELEFAX: (215) 568-5549

INFORMATION FOR SED ID NO: 1:
SEQUENCE CHARACTERISTICS:

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Gaps

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Length 117; Indels

Query Match 100.0%; Score 161; DB 1; Best Local Similarity 100.0%; Pred. No. 7.2e-15; Matches 32; Conservative 0; Mismatches 0;

LENGTH: 117 amino acids linear

TYPE: peptide TOPOLOGY: line

US-08-193-114B-1

28.6 590 4 28.6 1220 2 28.3 1170 2 28.0 103 4 28.0 103 4 28.0 108 2 28.0 108 2 28.0 118 4 28.0 118 4 28.0 118 4 28.0 118 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 4 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 3 28.0 149 4 38.0 149 3 38.0 149	A-6004 Sequence 6004, Ap B-36 Sequence 36, Appl C-218 Patent No. 5266464 A-398 Sequence 398, App Sequence 31, Appl Sequence 24, Appl Sequence 24, Appl Sequence 24, Appl Sequence 2, Appl Sequence 2, Appl Sequence 2, Appl Sequence 3, Appl Sequence 6, Appl Sequence 6, Appl Sequence 6, Appl Sequence 7, Appl Sequence 7, Appl Sequence 8, Appl Sequence 10, Appl Sequence 10, Appl Sequence 10, Appl Sequence 2, Appli	ion of Platelet Activation ent
28.6 12 28.3 6 28.3 6 28.3 6 28.0 1 2	US-09-107-532 US-08-843-530 US-09-843-530 US-09-843-530 US-09-615-192 US-08-378-593 US-09-775-932	ALIGNMENTS 08193114B 7in H. Ing Indiation of Blood Ssure and Inhibiti 1 Kininogen Fragme da, Lavorgna & Center Plaza Center Plaza
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EARLIER APPLICATION NUMBER: 60/000,096
EARLIER FILING DATE: 1995-06-09
EARLIER APPLICATION NUMBER: PCT/US96/09940
EARLIER FILING DATE: 1996-06-07
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 15
LENGTH: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: CAMARA Y FERRAR, JOSE ANTC
APPLICANT: THURIEAU, CHRISOPHE ALAIN
APPLICANT: MARTINEZ, JEAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 16, Application US/08533669A Patent No. 5834592 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 3, Application US/09257525A Patent No. 6507788
                                                                                                                                                                                                                                                                                                                                                                                                       14 NATFYFKIDNVKKARVQVV 32
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                                                                                                                                                                                                                                                                                                                      59.0%; ; 100.0%;
                                                                                                                                                                        TYPE: PRT ORGANISM: Artificial Sequence
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Best Local Similarity 100.C
Matches 19; Conservative
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Best Local Similarity 100.
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Patent No. 6507788
US-09-257-525A-3
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LENGTH: 15
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APPLICANT: The Regents of the University of Michigan
APPLICANT: Schmadier, Alvin H.
APPLICANT: Hasan, Almed A.K.
TITLE OF INVENTION: Bradykinin Analogs As Selective Thrombin Inhibitors
FILE REFERENCE: 8820-2 US
CURRENT APPLICATION UNBER: US/08/676,242C
CURRENT FILING DATE: 2000-07-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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0
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APPLICANT: Jiang, Yongping
TITLE OF INVENTION: Modulation of Blood
TITLE OF INVENTION: Pressure by Altering Bradykinin Levels
NUMBER OF SEQUENCES: 2
CORRESPONDENCES: 2
ADDRESSEE: Temple University - Of the
ADDRESSEE: Commonwealth System of Higher Education
STREET: Building
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 117;
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100.0%; Score 161; DB 5;
Best Local Similarity 100.0%; Pred. No. 7.2e-15;
Matches 32; Conservative 0; Mismatches 0;
                                           18 TLTHTITKLNAENNATFYFKIDNVKKARVQVV 49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      18 TLTHTITKENAENNATFYFKIDNVKKARVQVV 49
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
COMPUTER: IBM PS/2 COMPUTER: OPERATING SYSTEM: MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. Application
APPLICATION NUMBER: Serial No. 744,545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06809
FILING DATE: 19910813
                                                                                                                                                                   Sequence 1, Application PC/TUS9206809 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 15, Application US/08676242C
; Patent No. 6143719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 13 August 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Monaco, Daniel A. REGISTRATION NUMBER: 30,480 REFERENCE/DOCKET NUMBER: 60! TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (215) 568-8383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           : 117 amino acids
AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (215) 568-5549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pennsylvania
: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Philadelphia
STATE: Pennsylvania
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               19122
                                                                                                                          RESULT 2
PCT-US92-06809-1
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APPLICANT: BERGE, GILBERT
APPLICANT: GOZE, CATHERINE
TITLE OF INVENTION: RATIONAL SELECTION OF PUTATIVE PEPTIDES FROM IDENTIFIED NUCL
TITLE OF INVENTION: PEPTIDE SEQUENCES OF UNKNOWN FUNCTION
FILE REFERENCE: 6208-0004 (58767-000002)
CURRENT APPLICATION NUMBER: US/09/257,525A
CURRENT FILING DATE: 1999-02-25
SOFTWARE: PATENTIN VERSION 3.0
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                                                                                                                                                             Gaps
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OTHER INFORMATION: Description of Artificial Sequence: Bradykinin
OTHER INFORMATION: analog
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TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF LEISHMANIASIS CORRESPONDENCE ADDRESS:
ADDRESSE: SEED and BERRY LLP STREET: 6300 Columbia Center, 701 Fifth Avenue CITY: Scattle STATE: Washington
                                                                                                         Length 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 15;
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100.0%; Pred. No. 0.0047;
tive 0; Mismatches 0;
                                                                                                       Score 95; DB 3; L
Pred. No. 1.3e-06;
                                                                                                                                                        0; Mismatches
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Reed, Steven G.
APPLICANT: Reed, Steven G.
APPLICANT: Campos-Neto, Antonio
APPLICANT: Webb, John R.
APPLICANT: Webb, John R.
APPLICANT: Dillon, Davin C.
APPLICANT: Skeiky, Yasir A.W.
TITLE OF INVENTION: LETSHMANTA ANTIGENS FOR USEIN THE THERAPY AND NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESSE: SEED and BERRY LLP
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
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                                                                                                                                                                                                                                                  32.3%; Score 52; DB 4; Length 701; 38.5%; Pred. No. 36;
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATUS SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/022,765
FILING DATE: 12-FEB-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                  10;
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NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE TOOL OF TOOL OF
                                                                                                                                                                                                                                                                                                                  6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6; Mismatches
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Pred. No. 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 16, Application US/09022765 Patent No. 6375955
      INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS:
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38.5%;
                                                                LENGTH: 701 amino acids
TYPE: amino acid
STRANDEDNESS:
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Best Local Similarity 38.5'
Matches 10; Conservative
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Matches 10; Conservative
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STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
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US-09-022-765-16
                                                                                                                                                                 linear
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US-09-183-861-16
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US-09-022-765-16
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Patent No. 6365165
GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
APPLICANT: Campos-Neto, Antonio
APPLICANT: Webb, John R.
APPLICANT: Skeiky, Yasir A.W.
TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USEIN THE THERAPY AND NUMBER OF SEQUENCES: 87
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPPRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/533,669A FILING DATE: 22-SEP-1995 CLASSIFICATION: 424
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STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 52; DB
Pred. No. 36;
6; Mismatches
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APPLICATION NUMBER: 09/022,765
FILIG DATE: 12-FEB-1998
ATTORNEY/AGBNT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.420C3
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                  ATTORNEY AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION UNDER: 31,392
REFERENCE/DOCKET NUMBER: 210121.420
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEPHONE: (206) 682-6031
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | | :| | | :| | 48 TLKDYVTRMKAEQNSIYYITGDSKKK 473
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ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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(206) 682-6031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 701 amino acids TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 32.3
Best Local Similarity 38.5
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TOPOLOGY:
US-08-533-669A-16
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US-09-183-861-16
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seq2-seq1-seq3.rai

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(201) 994-1700
    10; Conservative
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ADDRESSEE: HUMAN GEN
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                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Unknown FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE:
                                                                                                                                                              US-08-737-045-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 12
LENGTH: 352
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US-08-832-535-2
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    Matches
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APPLICANT: Dennis, James W.
TITLE OF INVENTION: MODULATORS OF CYTOKINES OF THE TGF BETA
TITLE OF INVENTION: SUPERFAMILY AND METHODS FOR ASSAYING FOR SAME
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                        ö
  APPLICANT: Reed, Steven G.
APPLICANT: Campos-Neto, Antonio
APPLICANT: Campos-Neto, Antonio
APPLICANT: Dillon, Davin C.
APPLICANT: Dillon, Davin C.
APPLICANT: Dillon, Davin C.
APPLICANT: DILLON, DAVIN C.
APPLICANT: Skeiky, Yasir A.W.
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF LEISHMANIASIS
FILE REPERBUES: 20101214420C5
CURRENT APPLICATION NUMBER: US/09/551,974A
CURRENT FILING DATE: 2000-04-14
NUMBER OF SEQ ID NOS: 101
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 16
LENGTH: 701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 2; Length 352;
                                                                                                                                                                                                                                                                                                                                                                          ch 32.3%; Score 52; DB 4; Length 701; 1 Similarity 38.5%; Pred. No. 36; 10; Conservative 6; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFWARRE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: US/08/483,926A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 49.5; 1
Pred. No. 37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATOCNEY/AGENT INFORMATION:
NAME: KURGYGYK, Linda M.
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-155
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-731
TELEPKX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 352 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 TLTHTITKLNAENNATFYFKIDNVKK 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-483-926A-11; Sequence 11, Application US/08483926A; Patent No. 5821227
                                                                                                                                                                                                                                                                                                ; TYPE: PRT
; ORGANISM: Leishmania amozonensis
US-09-551-974A-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: BERESKIN & PARR
STREET: 40 king Street West
CITY: Toronto
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COMPUTER READABLE FORM:
MEDIUM TYPE: Flone: COMPUTED
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: Ontario
COUNTRY: Canada
GENERAL INFORMATION:
APPLICANT: Reed, S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Rat
US-08-483-926A-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
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APPLICANT: Dennis, James W.
APPLICANT: Dennis, James W.
APPLICANT: Dennis, James W.
APPLICANT: Dennis, Jami Hospital Corporation
TITLE OF INVENTION: COMPOSITIONS COMPRISING MODULATORS OF THE
TITLE OF INVENTION: TGPD SUPERFAMIN AND A METHOD OF TREATMENT WITH SUCH A
TITLE OF INVENTION: COMPOSITION (AS AMENDED)
FILE REPERENCE: 7933.94USWO
CURRENT APPLICATION NUMBER: US/08/737,045A
SUPRENT FILING DATE: 1997-03-20
SUPPRENT FILING DATE: 1997-03-20
SOFTWARE: PATENTIN VEY: 2.0
  Gaps
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  Indels
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US-08-737-045-12
10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 2;
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7; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      30.7%; Score 49.5; 35.7%; Pred. No. 37;
                                                                        163 TVKTALAAFNAQNNGT-YFKLVEISRAQ 189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: HUMAN GENOME SCIENCES, INC. STREET: 9410 KEY WEST AVENUE CITY: ROCKVILLE
                                             1 TLTHTITKLNAENNATFYFKIDNVKKAR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 TLTHTITKLNAENNATFYFKIDNVKKAR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: NI, JIAN
APPLICANT: LI, HAODONG
APPLICANT: YU, GUO-LIANG
APPLICANT: GENTZ, REINER L
TITLE OF INVENTION: HUMAN CYSTATIN F
NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/832,535
FILING DATE: 03-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 03-APR-1997
CLASSIFICATION.
ATORNEY AGENT INFORMATION:
NAME: KIMBALL, PAUL C.
REGISTRATION NUMBER: 34,610
REFERENCE/DOCKET NUMBER: 9F265
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                              Sequence 12, Application US/08737045A Patent No. 5981483
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Patent No. 5919658
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 30.7%
Best Local Similarity 35.7%
Matches 10; Conservative
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GENERAL INCRMATION:
APPLICANT: Holloway, James L.
APPLICANT: Holloway, James L.
APPLICANT: Edidhaus. Andrew
APPLICANT: Estidhaus. Andrew
TITLE OF INVENTION: TESTIS SPECIFIC CYSTATIN-LIKE PROTEIN CYSTATIN T
FILE REFERENCE: 98-72
CURRENT APPLICATION NUMBER: US/09/431,480
CURRENT FILING DATE: 1999-11-01
EARLIER APPLICATION NUMBER: 60/109,217
EARLIER APPLICATION NUMBER: 60/156,382
EARLIER FILING DATE: 1999-09-28
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 3; Length 145;
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                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPPRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/019,485
FILING DATE:
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Pred. No. 22;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4 HTITKLNAENNATFYFKIDNVKKARVQVV 32
                                                                                                                                                                3: Human Genome Sciences, Inc.
9410 Key West Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Benson, Robert H.
REGISTRATION NUMBER: 30,446
REFERENCE/DOCKET NUMBER: PF265P1
                                        APPLICANT: Yu, Guo-Liang
APPLICANT: Gentz, Reiner
APPLICANT: Ni, Jian
TITLE OF INVENTION: Cystatin F
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 9, Application US/09431480 Patent No. 6235708
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: 3013098504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          29.8%;
34.5%;
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INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS: LENGTH: 145 amino acid: TYPE: amino acid:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                     Li, Haodong
Yu, Guo-Liang
Gentz, Reiner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 29.8'
Best Local Similarity 34.5'
Matches 10; Conservative
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                                                                                                                                                                                                                                                                 ZIP: 20850
COMPUTER READABLE FORM:
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TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Similarity
                                                                                                                                                                                       STREET: 9410 KerCITY: ROCKVILLE
      GENERAL INFORMATION:
APPLICANT: Li, Ha
                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
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                                                                                                                                                                    ADDRESSEE:
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                                                                                                                                                                                                                                                COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/019,485
                                                                                                                                                                                   Query Match 29.8%; Score 48; DB Best Local Similarity 34.5%; Pred. No. 22; Matches 10; Conservative 6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4 HTITKLNAENNATFYFKIDNVKKARVQVV 32
                                                                                                                                                                                                                                                                   4 HIITKLNAENNATFYFKIDNVKKARVQVV 32
                                                                                                                                                                                                                                                                                        55 YSVEKFNNCTNDMFLFKESRITRALVQIV 83
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Human Genome Sciences, Inc. STREET: 9410 Key West Avenue CITY: Rockville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Benson, Robert H.
REGISTRATION NUMBER: 30,446
REFERENCE/DOCKET NUMBER: PF265P1
TELEPHONE: 3013098504
TELEPAX: 3013098439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Li, Haodong
APPLICANT: Yu, Guo-Liang
APPLICANT: Gentz, Reiner
APPLICANT: N. Jian
TITLE OF INVENTION: Cystatin F
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Science
                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/09019485 Patent No. 6066617 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 13
US-09-019-485-3
Sequence 3, Application US/09019485
; Patent No. 6066617
                             TOPOLOGY: 11--
TOPOLOGY: 11--
TOLECTICS:
TOPOLOGY: 11--
TOLECTIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 3013098439
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
TELEFAX: (201) 994-1744 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 145 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                      ; MOLECULE TYPE: protein US-08-832-535-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       / MOLECULE TYPE: protein US-09-019-485-2
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US-09-617-302-9
i Sequence 9, Application US/09617302
i Sequence 9, Application US/09617302
i Patent No. 6445529
i GENERAL INFORMATION:
APPLICANT: Holloway, James L.
APPLICANT: Holloway, James L.
TITLE OF INVENTION: TESTIS SPECIFIC CYSTATIN-LIKE PROTEIN CYSTATIN T FILE REPRENCE: 98-72 cl
CURRENT APPLICATION NUMBER: US/09/617,302
CURRENT FILING DATE: 1999-11-01
PRIOR APPLICATION NUMBER: 60/109,217
PRIOR PELLOR DATE: 1999-11-20
PRIOR FILING DATE: 1999-11-20
PRIOR FILING DATE: 1999-09-28
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 9
LENGTH: 145
LYPPE: PRT
CS-09-617-302-9
   0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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 13; Indels
 6; Mismatches
                                   4 HIITKLNAENNATFYFKIDNVKKARVQVV 32
                                                           4 HTITKLNAENNATFYFKIDNVKKARVQVV 32
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10; Conservative
Matches
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September 25, 2003, 12:13:07; Search time 25.7778 Seconds (without alignments) 187.829 Million cell updates/sec
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(cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
(cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
(cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
(cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
(cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
(cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
(cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
(cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
(cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
(cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
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(cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
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(cgn2_6/ptodata/1/pubpaa/US00_PUBCOMB.pep:*
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/cgn2_6/ptodata/1/pubpaa/US10_NRW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US60_NRW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                    SEQ2-SEQ1-SEQ3
161
1 TLTHTITKLNAENNATFYFKIDNVKKARVQVV 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       566894 segs, 151307093 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Published_Applications_AA:*
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                  OM protein - protein search using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Minimum DB seq length: 0
Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                                                        Title:
Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                        Sequence:
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                                                                                                                                                                                                  Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 29, Appl	Sequence 217, App	Sequence 215, App	Sequence 3, Appli	Sequence 1290, Ap	Sequence 16, Appl	Sequence 16, Appl	84,	Sequence 86, Appl	Sequence 25, Appl	Sequence 10, Appl	Sequence 12, Appl	Sequence 28, Appl	Sequence 2, Appli	
ΔΙ	US-09-919-039-29	US-10-316-253-217	US-10-316-253-215	US-09-935-682-3	US-10-083-357-1290	US-09-874-923-16	US-09-991-496-16	US-10-316-253-84	US-10-316-253-86	US-10-078-958-25	US-10-078-958-10	US-10-078-958-12	US-10-012-140-28	US-10-329-428-2	US-09-746-783-197
DB	11	12	12	σ	15	σ	10	12	12	15	15	15	15	15	11
% Query Match Length DB	427	424	430	16	498	701	701	352	352	75	16	105	113	145	167
% Query Match	100.0	61.5	6.09	46.0	32.6	32.3	32.3	30.7	30.7	29.8	29.8	29.8	29.8	29.8	29.8
Score	161	66	86	74	52.5	52	52	49.5	49.5	48	48	48	48	48	48
Result No.	1	7	ю	4	ស	9	7	80	6	10	11	12	13	14	15

Sequence 1, Appl1 Sequence 1015, Ap Sequence 1515, App Sequence 15573, App Sequence 12617, A Sequence 27, Appl Sequence 27, Appl Sequence 29, Appl Sequence 48570, A Sequence 48570, A Sequence 4, Appl Sequence 4, Appl Sequence 2, Appl Sequence 24, Appl Sequence 14, Appl Sequence 24, Appl Sequence 24, Appl Sequence 24, Appl Sequence 14, Appl Sequence 12, Appl Sequence 12, Appl Sequence 12, Appl Sequence 2, Appl Sequence 12, Appl Sequence 12, Appl Sequence 2, Appl Sequence 12, Appl Sequence 2, Appl Sequenc	
10 0S-09-969-834-1 11 0S-09-880-748-1075 11 0S-09-880-748-1075 10 0S-09-925-300-1515 9 0S-09-815-242-5573 9 0S-09-815-242-5573 9 0S-09-815-242-5573 15 0S-10-078-958-29 15 0S-10-078-958-29 15 0S-10-078-958-29 16 0S-10-194-975-93 17 0S-10-194-975-93 18 0S-09-864-761-48570 19 0S-09-864-761-48570 10 0S-09-801-368-32 11 0S-10-024-623-4 12 0S-10-027-806-4 13 0S-10-027-806-4 14 0S-10-027-806-4 15 0S-0-383-387-2 16 0S-10-174-693-398 17 0S-0-775-932-14 18 0S-09-775-932-14 19 0S-09-775-932-12 10 0S-09-940-497-2	11 US-09-880-748-1083 11 US-09-880-748-1087 11 US-09-880-748-1026 15 US-10-156-761-7966 9 US-09-815-242-13653
1748 2548 1065 1065 1065 1065 1065 1065 1065 1065	251 254 254 344 359
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4444 4444 44	4444 200000
110 110 110 110 110 110 110 110 110 110	.44444 .44444

ALIGNMENTS

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Sequence 29, Application US/0919039
Publication No. US20030108871A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES
FILE REFERENCE: PA-0035 US
CURRENT APPLICATION UNMBER: US/09/919,039
CURRENT FILING DATE: 2000-09-9
PRIOR FILING DATE: 2000-07-28
NUMBER OF SEQ ID NOS: 401
SOFTWARE: PERL PROGram
SSEQ ID NO 29-9
SEQ ID NO 29-9
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; OTHER INFORMATION: Incyte ID No. US20030108871A1 167507CD1
US-09-919-039-29
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100.0%; Pred. No. 2.1e-14;
Live 0; Mismatches 0;
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; PUBLIcation No. US20030162706A1
; GENERAL INFORMATION:
; APPLICANT: The Procter & Gamble Company
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ORGANISM: Homo sapiens
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nes 32; Conserv
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US-09-919-039-29
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Matches
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APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Billon, Davin C.
APPLICANT: Bratia, Ajay
APPLICANT: Bratia, Ajay
APPLICANT: Bratia, Peter
APPLICANT: Probst, Peter
APPLICANT: Brannon, Mark
TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF LEISHMANIASIS
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF LEISHMANIASIS
CURRENT APPLICATION NUMBER: US/09/874,923
CURRENT FILLING DATE: 2001-06-04
NUMBER OF SEQ ID NOS: 122
SOFTWARR: FastSEQ for Windows Version 4.0
SEQ ID NO 16
LENGTH: 701
                                                                                                                                                                                                                                                            Length 16;
                                                                                                                                                                                                                                                         Query Match 46.0%; Score 74; DB 9; Length 16; Best Local Similarity 100.0%; Pred. No. 0.00065; Matches 15; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1290, Application US/10083357
Sequence 1290, Application US/10083357
Sequence 1290, Application Worker 12083
GENERAL INFORMATION:
APPLICAMT: Qiandong Zeng et al.
TITLE OF INVENTION: Systemic Discovery of New Genes
FILE REFERENCE: 032796-090
CURRENT APPLICATION NUMBER: US/10/083,357
CURRENT FILING DATE: 2002-02-77
NUMBER OF SEQ ID NOS: 1346
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PRIOR FILING DATE: 1999-02-25
PRIOR APPLICATION NUMBER: PCT/FR00/00460
PRIOR FILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 73
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Saccharomyces cerevisiae US-10-083-357-1290
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 16, Application US/09874923 Patent No. US20020081320A1
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US-09-874-923-16
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APPLICANT: Campos-Netc, Antonio
APPLICANT: Webb, John R.
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                                                                                                                                                                                                                                                                                                                                                 18 YFKIDNVKKARVQVV 32
                                                                                                                                                                                       ; ORGANISM: Homo sapiens
US-09-935-682-3
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Best Local Similarity
Matches 12; Conserv
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                                                                                                                  SEQ ID NO 3
LENGTH: 16
                                                                                                                                                                 TYPE: PRT
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TITLE OF INVENTION: Rational Selection of Putative Peptides from Identified Nucleotid TITLE OF INVENTION: Peptide Sequences
FILE REFERENCE: 58767.00005
CORRENT APPLICATION NUMBER: US/09/935,682
CURRENT FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: 09/257,525
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                                                                                                                                                                                                                                                                                                                                                                                                               61.5%; Score 99; DB 12; Length 42
64.5%; Pred. No. 8.4e-06;
Live 4; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ch 60.9%; Score 98; DB 12; Length 43
1 Similarity 64.5%; Pred. No. 1.2e-05;
20; Conservative 4; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 215, Application US/10316253
Publication No. US20030162706A1
GENERAL INFORMATION:
APPLICANT: The Procter & Gamble Company
APPLICANT: Thompson, Larry
APPLICANT: Thompson, Larry
APPLICANT: Greis, Kenneth
TILLE OF INVENTION: Anglogenesis Modulating Proteins
FILE REPERENCE: 8865M
CURRENT APPLICATION NUMBER: US/10/316,253
CURRENT APPLICATION NUMBER: US 60/355,295
PRIOR FILING DATE: 2002-02-08
                                                                APPLICANT: Greis, Kenneth
TITLE OF INVENTION: Angiogenesis Modulating Proteins
FILE REFERENCE: 8865M
CURRENT PAPLICATION NUMBER: US/10/316,253
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: US 60/355,295
PRIOR FILING DATE: 2002-08
SOFTWARE: Patentin version 3.1
SEQ ID NO 217
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 308
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Rattus norvegicus
US-10-316-253-217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: PRT
; ORGANISM: Rattus norvegicus
US-10-316-253-215
                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 64.55
Matches 20; Conservative
                       Thompson, Larry
Wang, Feng
  Peters, Kevin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ouery Match
Best Local Similarity
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US-09-935-682-3
                                                                                                                                                                                                                                                                                                  LENGTH: 424
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LENGTH: 430
  APPLICANT:
                                               APPLICANT:
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Sequence 25.5 Application US/10078958

Sequence 25. Application No. US200300701851

Septiment INFORMATION:

APPLICANT: ACKERELAPPTI, RAJU

APPLICANT: KLAPHOLZ, SUSAN

APPLICANT: MENDEZ, MICHARL J.

APPLICANT: MENDEZ, MICHARL J.

TITLE OF INVENTION: PLURAL VAN AND VAREGIONS AND ANTIBODIES PRODUCED

TITLE OF INVENTION: THEREFROM

TITLE OF INVENTION: THEREFROM

TITLE OF INVENTION: THEREFROM

TITLE OF INVENTION UNMBER: US/10/078,958

CURRENT FILING DATE: 1996-12-03

NUMBER OF SED ID NOS: 79

SOFTWARE: PATENT ON UNMER: 08/759,620

PRIOR FILING DATE: 1996-12-03

NUMBER OF SED ID NOS: 79

SEQ ID NO 25

LENGTH: 75

LENGTH: 75
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                                                                                                                                                                                                             APPLICANT: The Procter & Gamble Company
APPLICANT: The Procter & Gamble Company
APPLICANT: Thompson, Larry
APPLICANT: Thompson, Larry
APPLICANT: Greis, Kenneth
TITLE OF INVENTION: Anglogenesis Modulating Proteins
FILE REFERENCE: 86864
CURRENT APPLICATION NUMBER: US/10/316,253
CURRENT APPLICATION NUMBER: US 60/355,295
PRIOR APPLICATION NUMBER: US 60/355,295
PRIOR APPLICATION NUMBER: US 60/355,295
NUMBER OF SEQ ID NOS: 308
SOFTWARE: Patentin Version 3.1
LENGTH: 352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 49.5; DE Pred. No. 52; 7; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     163 TVKTALAAFNAQNNGT-YFKLVEISRAQ 189
    1 TLTHTITKLNAENNATFYFKIDNVKKAR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 TLTHTITKLNAENNATFYFKIDNVKKAR 28
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milarity 35.7%;
Conservative 7
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ORGANISM: Homo sapiens
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Matches 10; Conserva
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Matches 10; Conserv
                                                                                                            RESULT 9
US-10-316-253-86
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 32.3%; Score 52; DB 10; Length 701; Best Local Similarity 38.5%; Pred. No. 50; Matches 10; Conservative 6; Mismatches 10; Indels
  32.3%; Score 52; DB 9; Length 701; 38.5%; Pred. No. 50; Live 6; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION AND THE PROPERTY OF THE PERIOD OF THE OF INVENTION. MAIN ANTIGENS FOR USE IN THE TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF LEISHMANIASIS FILE REFERENCE: 21012.1.420C9
CURRENT APPLICATION NUMBER: US/09/991,496
CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 137
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 16
LENGTH: 701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: The Procter & Gamble Company
APPLICANT: Peters, Kevin
APPLICANT: Thompson, Larry
APPLICANT: Thompson, Larry
APPLICANT: Greis, Kenneth
TITLE OF INVENTION: Anglogenesis Modulating Proteins
FILE REPERENCE: 8865M
CURRENT APPLICATION NUMBER: US/10/316,253
CURRENT FILING DATE: 2002-12-10
PRIOR FILING DATE: 2002-02-08
NUMBER OF SEQ ID NOS: 308
SOFTWARE: Patentin version 3.1
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                                                                                                                1 TLTHTITKLNAENNATFYFKIDNVKK 26
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                                                                                                                                                                                                                                        Sequence 16, Application US/09991496 Patent No. US20020169285A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; ORGANISM: Leishmania amozonensis
US-09-991-496-16
                                                                                                                                                                                                                                                                                                       APPLICANT: Reed, Steven G.
APPLICANT: Campos-Neto, Antonio
APPLICANT: Webb, John R.
                                                                                                                                                                                                                                                                                                                                                                  Dillon, Davin C.
Skeiky, Yasir A.W.
Bhatia, Ajay
Coler, Rhea
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Query Match 32.3'
Best Local Similarity 38.5'
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Probst, Peter APPLICANT: Brannon, Mark
                                                                                                                                                                                                                                                                               GENERAL INFORMATION
                                                                                                                                                                                                                  US-09-991-496-16
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APPLICANT:
APPLICANT:
APPLICANT:
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Publication No. US20030009017A1 GENERAL INFORMATION:
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US-09-746-783-197
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US-10-329-428-2
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Sequence 12, Application US/10078958

Publication No. US2003007018541

GENERAL INFORMATION:
APPLICANT: AXCOBOVITS, AYA

APPLICANT: KLAPHOLZ, SUSAN

APPLICANT: KLAPHOLZ, SUSAN

APPLICANT: REEK, LARRY

TITLE OF INVENTION: PLURAL VAN AND VK REGIONS AND ANTIBODIES PRODUCED

TITLE OF INVENTION: THEREFROM

TITLE OF INVENTION: THEREFROM

FILE REFERENCE: CELL 4.18 CON

CURRENT FILING DATE: 1096-12-03

NUMBER OF SEQ ID NOS: 79

SOFTWARE: PATENTIN Ver. 2.1

SEQ ID NO 12

LENGTH: 105
                                                                                                                       APPLICANT: KACHERLAPT, RAJU
APPLICANT: KLAPHOLZ, SUSAN
APPLICANT: KLAPHOLZ, SUSAN
APPLICANT: MENDEZ, MICHAEL J.
APPLICANT: MENDEZ, MICHAEL J.
APPLICANT: MENDEZ, MICHAEL J.
TITLE OF INVENTION: TRANSGENIC MAMMALS HAVING HUMAN IG LOCI INCLUDING
TITLE OF INVENTION: THEREROM
TITLE OF INVENTION: THEREROM
TITLE OF INVENTION: THEREROM
TITLE OF INVENTION: THEREROM
TITLE OF INVENTION: UNMER: US/10/078,958
CURRENT FILING DATE: 1996-12-03
PRIOR APPLICATION NUMBER: 08/759,620
PRIOR FILING DATE: 1996-12-03
SOFTWARE: PALEGATION NUMBER: 08/759,620
PRIOR FILING DATE: 1996-12-03
SOFTWARE: PALEGATION VOWER: 08/759,620
SOFTWARE: PALEGATION VOWER: 08/759,620
LENGTH FILING DATE: 1996-12-03
SOFTWARE: PALEGATION VOWER: 08/759,620
LENGTH: 76
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Pred. No. 22;
5; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ouery Match 29.8%; Score 48; DB 15; Length 76; Best Local Similarity 45.5%; Pred. No. 15; Matches 10; Conservative 5; Mismatches 7; Indels
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                                       Sequence 10, Application US/10078958
Publication No. US20030070185A1
GENERAL INFORMATION:
APPLICANT: JAKOBOVITS, AYA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 28, Application US/10012140
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Best Local Similarity 45.5%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; ORGANISM: Homo sapiens
US-10-078-958-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: PRT . ORGANISM: Homo sapiens US-10-078-958-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 12
US-10-078-958-12
                  US-10-078-958-10
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US-10-012-140-28
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APPLICANT: Leiby, Kevin R.
APPLICANT: Leiby, Kevin R.
APPLICANT: Leiby, Kevin R.
APPLICANT: Caluckamann, Maria A.
TITLE GUICKAMITON: 38650, 28472, 5495, 65507, 81588, AND
TITLE OF INVENTION: 14354 METHODS AND COMPOSITIONS OF HUMAN PROTEINS AND USES;
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 38152004900
CURRENT APPLICATION NUMBER: US/10/012,140
PRIOR APPLICATION NUMBER: 60/246,768
PRIOR APPLICATION NUMBER: 60/246,772
PRIOR APPLICATION NUMBER: 60/246,772
PRIOR APPLICATION NUMBER: 60/249,185
PRIOR PILING DATE: 2000-11-08
PRIOR PILING DATE: 2000-11-15
PRIOR APPLICATION NUMBER: 60/249,185
PRIOR SPELING DATE: 2000-11-15
SPOTUMBER OF SEQ ID NOS: 49
SSOTUMBER: FRASEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Consensus amino acid sequence US-10-012-140-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3 THTITKL----NAENNATFYFKIDNVKKARVQ 30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 29.8%; Score 48; DB 1
Best Local Similarity 37.5%; Pred. No. 24;
Matches 12; Conservative 5; Mismatches
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TITLE OF INVENTION: Human Cystatin F
FILE REPERENCE: FF265P102

CURRENT APPLICATION NUMBER: US/10/329,428

CURRENT FILING DATE: 2002-12-27

PRIOR PAPLICATION NUMBER: 06/014,795

PRIOR PILING DATE: 1996-04-03

PRIOR FILING DATE: 1997-04-03

PRIOR FILING DATE: 1997-04-03

PRIOR FILING DATE: 1997-04-03

PRIOR FILING DATE: 1998-01-29

PRIOR FILING DATE: 1998-01-29

PRIOR FILING DATE: 1998-01-29

PRIOR FILING DATE: 2000-03-17

PRIOR FILING DATE: 2000-03-17

PRIOR FILING DATE: 2000-03-17

PRIOR SEQ ID NOS: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/10329428 Publication No. US20030114646A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT ORGANISM: Artificial Sequence
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| SERUME | 197, Application US/09146783
| SEGNER | INFORMATION: | MacCON |
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Db 77 YSVEKFNNCTNDMFLFKESRITRALVQIV 10: Search completed: September 25, 2003, 12:25:09 Job time: 26.7778 secs

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116, Appl 28, Appl 16, Appl 16, Appl 16, Appl 16, Appl 163, Appl

Sequence Sequence Sequence

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Sequence 1, Application US/08193114B
Patent No. 5472945
GENERAL INFORMATION:
APPLICANT: Schmaier, Alvin H.
APPLICANT: Schmaier, Alvin H.
APPLICANT: Jiang, Yongping
TITLE OF INVENTION: Medulation of Blood
TITLE OF INVENTION: with Kininogen Fragment
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seidel, Gonda, Lavorgna &
ADDRESSEE: Monaco, P.C.
STREET: 1800 Two Penn Center Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY.: Philadelphia
CITY: Philadelphia
STATE: Pennsylvania
COUNTY: U.S.A.

ZIP: 19102
ZIP: 19102
COMPUTER READABLE FORM:
WEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
COMPUTER: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/193,114B
FILING DATE: 9 February 1994
CLASSIFICATION DATA:
APPLICATION NUMBER: U.S. Application
APPLICATION NUMBER: U.S. Application
APPLICATION DATA:
APPLICATION NUMBER: 0.514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 0.5 Application
APPLICATION NUMBER: 30.480
FILING DATE: 13 AUGUST 1991
ATTORNEY/AGENT INFORMATION:
RESTERANCE/DOCKET NUMBER: 30.480
FELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                     US-08-477-728-58
US-08-474-040-1
US-08-474-040-16
US-08-474-040-16
US-08-487-200-16
US-08-487-200-16
US-08-487-200-16
US-08-487-200-16
US-08-477-4848-163
US-08-477-5318-49
US-08-477-5318-49
US-08-477-5318-49
US-08-477-5318-49
US-08-477-5318-49
US-08-68-836-163
US-08-68-836-163
US-08-845-88
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Pennsylvania
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TELEFAX: (215) 568-5549
TELEFX: (215) 568-5549
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
US-08-193-114B-1
    111, App 111, App 114, App 119, App 119, App 119, App 119, App 119, App 116, App 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                            September 25, 2003, 12:05:32; Search time 10.2778 Seconds (without alignments) 82.335 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 14
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Sequence 3
Sequence 1
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Sequence 2
Sequence 2
Sequence 8
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Sequence 1
Sequence 1
Sequence 2
Sequence 5
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Sequence 2
Sequence 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
                      GenCore version 5.1.6 Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-252-991A-27156
US-09-198-452A-822
US-08-533-669A-16
US-09-183-861-16
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US-08-907-146-11
US-08-259-372A-14
US-08-615-192A-398
US-09-615-192A-398
US-09-390-234-19
US-09-390-234-22
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US-09-551-974A-16
US-09-328-352-5904
                                                                                                                                                                                                                                                                                                                                                                                                                       Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-365-689-2
US-08-145-138A-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                      OM protein - protein search, using sw model
                                                                                                                                                                                                                              SEQ2-SEQ1
105
1 TLTHTITKLNAENNATFYFK 20
                                                                                                                                                                                                                                                                                                                     BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Issued_Patents_AA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      length: 0
length: 2000000000
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Match Length
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searched:

Run on:

Database

Result No.

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Gaps

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Indels

Query Match
100.0%; Score 105; DB 1;
Best Local Similarity 100.0%; Pred. No. 2.3e-08;
Matches 20; Conservative 0; Mismatches 0;

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US-08-193-114B-1 TOPOLOGY:

> Sequence Sequence

222 222 222 222 222 222 222 222 222

Sequence

US-07-634-278-16 US-07-634-278-58

Sequence Sequence

Length 117;

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ADDRESSEE: Arnold, White & Durkee
                P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
        STREET: F.C.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TOPOLOGY:
US-08-751-359-11
                                                                          COUNTRY:
                                                        STATE:
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                                                                                                                                                                                   APPLICANT: Schmation:
APPLICANT: Schmaticn, Alvin H.
APPLICANT: Schmaticn, Modulation of Blood
TITLE OF INVENTION: Modulation of Blood
TITLE OF INVENTION: Pressure by Altering Bradykinin Levels
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Temple University - Of the
STREET: 406 University Services
STREET: Building
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 11, Application US/08751359
Patent No. 614359
GENERAL INFORMATION:
APPLICANT: Michael, Nancy M
APPLICANT: Accavitti, Marianne
APPLICANT: Thompson, Craig B
TITLE OF INVENTION: METHODS FOR THE PRODUCTION OF CHICKEN
TITLE OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb COMPUTER: IBM PS/2
COMPUTER: IBM PS/2
COMPUTER: IBM PS/2
COMPUTER: IBM PS/2
COMPUTER: SYSTEM: MS-DOS
SOFTWARE: WOTGPETFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06809
FILING DATE: 19910813
CLASSIFICATION S14
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. APPLICATION NUMBER: Serial No. 744,545 ·
FILING DATE: 13 AUGUST 1991
ATTORNEY, AGENT INFORMATION:
                                                                                                                                                   Sequence 1, Application PC/TUS9206809 GENERAL INFORMATION:
                                 18 TLTHTITKLNAENNATFYFK 37
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 60
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (215) 568-8383
TELEFAX: (215) 568-5549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 117 amino acids
TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 100.0
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                        CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: U.S.A.
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PCT-US92-06809-1
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                                                                                                            RESULT 2
PCT-US92-06809-1
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Gaps
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US-08-907-146-11
Sequence 11, Application US/08907146
Fatent No. 6316600
GENERAL INFORMATION:
APPLICANT: Michael, Nancy M
APPLICANT: Thompson, Craig B
TITLE OF INVENTION: MOTOCLONAL ANTIBODIES
NUMBER OF SEQUENCES: 25
CORRESPONDENCES 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: AROLG White & Durkee
STREET: P.O. BOX 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 126;
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COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: Floppy disk
COMPUTER: FLOPPS FLOPP
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ZIP: 77210

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/907,146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 46; DB 3;
Pred. No. 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY AGENT INFORMATION:
NAME: Highlander, Steven L
REGISTATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: ARSB:504
TELECOMMUNICATION INFORMATION:
TELEPENE: 512/4747577
INFORMATION FOR SEQ ID NO: 11:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: ARSB:504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/751,359
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | | | | | : |::|| :|
86 TATLTITGVRADDNAVYY 103
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Best Local Similarity 50.0%;
Matches 9; Conservative
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amino acid
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GENERAL INFORMATION:

APPLICANT: Ostberg, Lars G.

TITLE OF INVENTION: PRODUCTION OF HUMAN MONOCLONAL

TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR HEPATITIS B SURFACE ANTIGEN
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
                                                                                                                                                      Score 46; DB 1; Length 128;
Pred. No. 10;
2; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: CA
COUNTRY: USA
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READBLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
COMPUTER: PATENT: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #i.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,671
FTLING DATE: 06-2014-1995
FTLING DATE: 06-2014-1995
FTLING DATE: 06-2014-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 06-UNN-1995
CLASSIEICATION: 424
PRIOR APPLICATION 1424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/259,372
FILING DATE: 14-UN-1994
APPLICATION NUMBER: US 07/871,426
FILING DATE: 21-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/676,036
FILING DATE: 27-MAR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/538,796
FILING DATE: 15-UN-1990
PRIOR APPLICATION NUMBER: US 07/52,754
FILING DATE: 11-MAY-1988
PRIOR APPLICATION NUMBER: US 06/925,196
FILING DATE: 31-OCT-1986
FILING DATE: 31-OCT-1986
PRIOR APPLICATION NUMBER: US 06/925,196
FILING DATE: 31-OCT-1986
PRIOR APPLICATION NUMBER: US 06/925,196
FILING DATE: 11-MAY-1988
PRIOR APPLICATION NUMBER: US 06/925,196
FILING DATE: 11-MAY-1988
APPLICATION NUMBER: US 06/94,517
FILING DATE: US 06/94,517
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 11823-50-7 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 14, Application US/08468671 Patent No. 5648077
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Smith, William M. REGISTRATION NUMBER: 30,223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (415) 326-2400
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                      | ||| | ||: ||:|
92 TLTITSLQAEDFATYY 107
                                                                                                                                                            43.8%;
                                                                                                                                                                                                                                                                                      3 THTITKLNAENNATFY 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      : 128 amino acids
amino acid
                                                                                                                               ; TOPOLOGY: linear; MOLECULE TYPE: protein US-08-259-372A-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein US-08-468-671-14
            amino acid
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Patent No. 5565354
GENERAL INFORMATION:
APPLICANT: OStberg, Lars G.
TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR HEPATITIS B SURFACE ANTIGEN
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                                                            ;
0
                                                                                                                                                                                                                                                                                                                                               Length 126;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FUGW:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
SOFTWARE: PALENT Release #10, Version #1.30
SOFTWARE: PAPLICATION DATA:
APPLICATION NUMBER: US/08/259,372A
FILING DATE: 14-7UN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/676,036
FILING DATE: 27-AAR-1991
PRIOR APPLICATION NUMBER: US 07/56,036
FILING DATE: 12-NAR-1991
PRIOR APPLICATION NUMBER: US 07/54,06
FILING DATE: 11-NAR-1990
PRIOR APPLICATION NUMBER: US 07/538,796
FILING DATE: 31-07-1986
FILING DATE: 31-07-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                            Score 46; DB 4;
Pred. No. 10;
4; Mismatches
: LLEFAX: 512/418 3000
: TELEFAX: 512/418 3000
: SEQUENCE CHARACTERISTICS:
LENGTH: 126 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOTAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 TLTHTITKLNAENNATFY 18
                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 50.0%;
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94111-3834
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
                                                                                                                                                                                                                                                   ; TOPOLOGY:
US-08-907-146-11
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US-08-259-372A-14
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CURRENT APPLICATION DATA:
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US-09-390-234-22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
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                                                                                                                                                                                                                                           Sequence 398, Application US/09615192A

Sequence 308, Application US/09615192A

GENERAL INCORMATION:
APPLICANT: Blokbargy, Leonard N.
TITLE OF INVENTION: Materials and Methods for the TITLE OF INVENTION: Materials and Methods for the TITLE OF INVENTION: Modification of Plant Lignin Content; TITLE OF INVENTION: MODIFICATION OF PLANT CALL OF INVENTION: MODIFICATION OF PLANT CALL OF INVENTION: MODIFICATION OF PLANT CALL OF INVENTION: DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 08/713,000

PRIOR FILING DATE: 1996-09-11

PRIOR FILING DATE: 1996-10-09

NUMBER OF SEQ ID NOS: 405

SEQ ID NO 398

LENGTH: 103
               Query Match 43.8%; Score 46; DB 1; Length 128; Best Local Similarity 62.5%; Pred. No. 10; Matches 10; Conservative 2; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        42.9%; Score 45; DB 4; Length 103; 47.1%; Pred. No. 11; tive 4; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CRYPTOSPORIDIUM ANTIBODIES, DNA AND RNA ENCODING THEM, HYBRID VECTOR AND TRANSFORMED HOST AND METHODS FOR LMMUNOTHERAPY AND DIAGNOSIS AND KIT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Kb storage
COMPUTER: PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             POLYPEPTIDES BINDING ANTI-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: PHILLIPS, MOORE, LEMPIO & FINLEY
STREET: 385 Sherman Avenue, Suite 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              California
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Patent No. 5643772.

GENERAL INFORMATION:

APPLICANT: PETERSEN, CAROLYN
APPLICANT: LEECH, JAMES
APPLICANT: NELSON, RICHARD, C.
APPLICANT: OUT, JIRI
ITLE OF INVENTION: POLYPEPTIDES BI
TITLE OF INVENTION: CRYPTOSPORIDIUM
ITLE OF INVENTION: AND RNA ENCODIN
ITLE OF INVENTION: METHODS FOR IMM
ITLE OF INVENTION: METHODS FOR IMM
ITLE OF INVENTION: METHODS FOR IMM
ITLE OF INVENTION: DIAGNOSIS AND K
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| HTYKRLNGQLSSTFYAK 50
                                                                                                                              3 THTITKLNAENNATFY 18
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Matches 8; Conservative
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CORGANISM: Pinus radiata
US-09-615-192A-398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM:
SOFTWARE: Wordper
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                                                                                                                                                                                                                                    US-09-615-192A-398
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
CITY: Pa
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APPLICANT: Blum, David L.
APPLICANT: Blum, David L.
APPLICANT: Kateava, Irina
APPLICANT: Li, Xin-Liang
APPLICANT: Li, And Control of C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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40.5%; Score 42.5; DB 4; Length 400;
Best Local Similarity 53.3%; Pred. No. 1.2e+02;
Matches 8; Conservative 5; Mismatches 1; Indels
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41.0%; Score 43; DB 1; Length 47;
Best Local Similarity 56.2%; Pred. No. 9.4;
Matches 9; Conservative 4; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      480.19-2 (HHD)
UMBER: US/08/415,751
03-APR-1995
                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/071,880
FILING DATE: June 1, 1993
APPLICATION NUMBER: 07/891,301
FILING DATE: May 29, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Hana DOLEZALOVA
REGISTRATION NUMBER: 30,518
REFERENCE/DOCKET NUMBER: 480.19-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: Cryptosporidium parvum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-390-234-19; Sequence 19, Application US/09390234; Patent No. 6365390
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-1677
TELEFAX: (415) 324-1678
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 47 aming acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 LTHTITKLNAENNATF 17
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51 VTQVNADNSVTFRYF 65
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US-09-390-234-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: single
          APPLICATION NUMBER:
FILING DATE: 03-APR-
CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                  Sequence 16, Application US/08533669A
Patent No. 5834592
GENERAL INFORMATION:
APPLICANT: Corixa Corporation
TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF LEISHMANIASIS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 42; DB 2; Length 701;
Pred. No. 2.5e+02;
5; Mismatches 6; Indels
                                                                                                                                                   Length 644;
                                                                                                                                                     Score 42; DB 4; Length 644
pred. No. 2.3e+02;
1; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98144-7092
COMPUTER REDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Parentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/533,669A
FILING DATE: 22-SEP-1995
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.420
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 16, Application US/09183861
Patent No. 6365165
GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
APPLICANT: Webb, John R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     101 LRRSINLLNRENNFTIY 117
                                                                  ; TYPE: PRT
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-822
                                                                                                                                                                                                                                             2 LTHTITKLNAENNATFY 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO: 16:
                                                                                                                                                     Query Match 40.0%;
Best Local Similarity 52.9%;
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 38.9%;
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 TLTHTITKLNAENNATFY
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NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 822
LENGTH: 644
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-533-669A-16
                                                                                                                                                                                                                                                                                                                                                                              US-08-533-669A-16
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                                                                                                                                                                                                                                                                                                                                                         RESULT 13
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Sequence 822, Application US/09198452A
Fatent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prever TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: MACCI Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERGGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PRIING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 27156
LENGTH: 503
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                                                         APPLICANT: Blum, David L.
APPLICANT: Kateeva, Irina
APPLICANT: Kateeva, Irina
APPLICANT: Li, Xin-Liang
APPLICANT: Li, Xin-Liang
APPLICANT: Li, Xin-Liang
APPLICANT: Li, Lars G.
TITLE OF INVENTION: Phenolic Acid Esterases, Coding Sequences and Methods
TITLE OF INVENTION: Phenolic Acid Esterases, Coding Sequences and Methods
CURRENT APPLICATION NUMBER: US/09/390,234
CURRENT FILING DATE: 1999-09-03
EARLIER APPLICATION NUMBER: US 60/099,136
EARLIER FILING DATE: 1998-09-04
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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Pred. No. 1.2e+02;
5; Mismatches 1; Indels
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Pred. No. 1 8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-252-991A-27156
; Sequence 27156, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
Sequence 22, Application US/09390234
Patent No. 6365390
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT OGGANISM: Pseudomonas aeruginosa US-09-252-991A-27156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 40.5%;
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51 VTQVNADNSVTFRYF 65
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Best Local Similarity 50.0%;
Matches 7; Conservative
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186 HVITRINAYHGSTF 199
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US-09-390-234-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 53.33
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 22
                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
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Fatent No. 6375955
GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
APPLICANT: Reed, Steven G.
APPLICANT: Weebb, John R.
APPLICANT: Weebb, John R.
APPLICANT: Skeiky, Yasir A.W.
TILLE OF INVENTION: LEISHMANIA ANTIGENS FOR USEIN THE THERAPY AND NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STAFET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STAFET: Mashington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
APPLICANT: Dillon, Davin C.
APPLICANT: Skeiky, Yasir A.W.
TITLE OF INVENTION: LEISHWANIA ANTIGENS FOR USEIN THE THERAPY AND NUMBER OF SEQUENCES: 87
CORRESPONDENCE. ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Scattle
STATE: Washington
COUNTRY: USA
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38.9%; Pred. No. 2.5e+02;
Live 5; Mismatches 6; Indels
                                                                                                                                                                                                               ZIP: 98104-7092

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/183,861
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: CONFIDENCE OF SOFTWARE: PACENTIN Release #1.0, Version #1.30 CURRENT APPLICATION DATA: US/09/022,765
                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIC CATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/022,765
FILING DATE: 12-FEB-1998
ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.420C3
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY.

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

~WETER: IBM PC compatible

~VETEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ILELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6910
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 701 amino acids
TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         448 TLKDYVTRMKAEQNSIYY 465
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 TLTHTITKLNAENNATFY 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 38.9*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TOPOLOGY: linear
US-09-183-861-16
                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-022-765-16
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                                                                                                                                                                                                                                                                                                                         Length 701;
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Pred. No. 2.5e+02;
5; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Search completed: September 25, 2003, 12:14:57 Job time : 12.2778 secs
                                                                                             210121,42003
                                                                                       REFERENCE/DOCKET NUMBER: 2101
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 682-6931
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 701 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                            || :|: || :|
448 TLKDYVTRMKAEQNSIYY 465
                                 ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
                                                                                                                                                                                                                                                                                                                                                                                                    1 TLTHTITKLNAENNATFY 18
                                                                                                                                                                                                                                                                                                                     Ouery Match
Best Local Similarity 38.9%;
Matches 7; Conservative
FILING DATE: 12-FEB-1998
                                                                                                                                                                                                                              TYPE: amino acid
                                                                                                                                                                                                                                                                     linear
                                                                                                                                                                                                                                              · STRANDEDNESS:
                                                                                                                                                                                                                                                                     ; TOPOLOGY:
US-09-022-765-16
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77; Search time 16.1111 Seconds (without alignments)
187.829 Million cell updates/sec
GenCore version 5.1.6 Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                    Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                               566894 seqs, 151307093 residues
                                                                                                                              September 25, 2003, 12:13:07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                    OM protein - protein search, using sw model
                                                                                                                                                                                                                                                        1 TLTHTITKLNAENNATFYFK 20
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                               Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                                                              SEQ2-SEQ1
105
                                                                                                                                                                                                              Title:
Perfect score:
                                                                                                                                                                                                                                                                                                   Scoring table:
                                                                                                                                                                                                                                                        Sequence:
                                                                                                                                                                                                                                                                                                                                                               Searched:
                                                                                                                          Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 29, Appl	Sequence 217, App	Sequence 215, App	Sequence 2, Appli	Sequence 93, Appl	Sequence 48570, A	Sequence 398, App	Sequence 37, Appl	Sequence 75, Appl	Sequence 30, Appl	Sequence 56, Appl	Sequence 4, Appli	ĸ,	Sequence 18, Appl	Sequence 15, Appl
ID	US-09-919-039-29	US-10-316-253-217	US-10-316-253-215	US-09-383-387-2	US-10-194-975-93	US-09-864-761-48570	US-10-174-693-398	US-10-091-300-37	US-09-144-886-75	US-10-083-424-30	US-10-269-805-56	US-10-199-908-4	US-09-811-737-4	US-09-811-737-18	US-09-811-737-15
DB	17	12	12	σ	15	σ	16	15	10	.15	15	15	σ	6	6
% Query Match Length DB	427	424	430	17	95	102	103	101	107	108	108	111	118	253	255
% Query Match	100.0	58.1	57.1	42.9	42.9	42.9	42.9	42.9	41.9	41.0	41.0	41.0	41.0	41.0	41.0
Score	105	61	9	45	45	45	45	45	44	43	43	43	43	43	43
Result No.	1	7	3	4	S	9	7	80	6	10	11	12	13	14	15

Sequence 19, Appl Sequence 1290, Ap Sequence 204, App	Sequence 30, Appl Sequence 91, Appl	92,	Sequence 34, Appl Sequence 10, Appl	11,	Sequence 12, Appl	Sequence 13, Appl	Sequence 14, Appl	Sequence 15, Appl	Sequence 34, Appl	Sequence 35, Appl	Sequence 2, Appli	Sequence 12, Appl	Sequence 16, Appl	Sequence 16, Appl	Sequence 10181, A	Seguence 34, Appl	Sequence 4, Appli	'n	Sequence 13, Appl	`.	Sequence 23, Appl		Sequence 163, App	Sequence 78, Appl	Sequence 88, Appl
9 US-09-811-737-19 15 US-10-083-357-1290 15 US-10-081-872-204	9 US-09-905-243-30 15 US-10-194-975-91	15 US-10-194-975-92	15 US-10-153-382-34 12 US-10-138-727A-10	12 US-10-138-727A-11							US-09-891		9 US-09-874-923-16	10 US-09-991-496-16	9 US-09-815-242-10181	9 US-09-905-243-34			8 US-08-844-215-13	⊃		11 US-09-798-689-8			10 US-09-144-886-88
262 498 866	988	95											701	701	753	88		•	_	-					107
41.0 41.0 40.5	40.0 40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
43 42.5		42	4 4 2	42	42	42	42	42	42	42	42	42	42	42	42	41	41	41	41	41	41	41	41	41	41
16 17 18	19	21	22	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

ALIGNMENTS

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
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10: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

Published_Applications_AA:*

Database

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/cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:* /cgn2_6/ptodata/1/pubpaa/US10_NRW_PUB.pep:* /cgn2_6/ptodata/1/pubpaa/US60_NRW_PUB.pep:* /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

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Sequence 29, Application US/09919039
Publication No. US20030108871A1
GENERAL INFORMATION:
APPLICANT: Kaser, Matthew R.
TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES
FILE REPERENCE: PA-0035 US
CURRENT APPLICATION NUMBER: US/09/919,039
CURRENT APPLICATION NUMBER: 60/222,113
PRIOR FILING DATE: 2000-07-28
NUMBER OF SEQ ID NOS: 401
SOFTWARE: PERL PROGRAM
SEQ ID NO 29
LENGTH: 427
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 427;
                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US20030108871A1 167507CD1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   th 100.0%; Score 105; DB 11; Similarity 100.0%; Pred. No. 8.6e-08; 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 217, Application US/10316253; Publication No. US20030162706A1; GENERAL INFORMATION: APPLICANT: The Procter & Gamble Company
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  281 TLTHTITKLNAENNATFYFK 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 TLTHTITKLNAENNATFYFK 20
                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 2
US-10-316-253-217
US-09-919-039-29
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Matches 2
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Gaps

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Length 17; Indels

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US-09-864-761-48570
Sequence 48570, Application US/09864761
Sequence 48570, Application US/09864761
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Rank, David R.
APPLICANT: Chen, Wensheng;
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO:
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 45; DB 15; Length 95; Pred. No. 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Super Humanized Antibodies TITLE OF INVENTION: Super Humanized Antibodies FILE REFERENCE: 501231.01
CURRENT APPLICATION NUMBER: US/10/194,975
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: US 60/305,111
PRIOR FILING DATE: 2001-07-12
NUMBER OF SEQ ID NOS: 122
SOFTWARE: PATENTIN VETSION 3.1
SEQ ID NO 93
LENGTH: 95
                                                                                                                                                                                                                                                                                                                                        42.9%; Score 45; DB 9; 43.8%; Pred. No. 2.3;
                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                 PCT/GB96/00351
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: US 08/912,955
PRIOR FILING DATE: 1997-08-14
PRIOR APPLICATION NUMBER: PCT/GB96/00351
PRIOR FILING DATE: 1996-02-15
PRIOR APPLICATION NUMBER: GB 950 2899.9
PRIOR FILING DATE: 1995-02-15
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CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR PILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION UNMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 93, Application US/10194975
Publication No. US20030039649A1
GENERAL INFORMATION:
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1 SVTLINNENNERYYFE 16
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Best Local Similarity 56.2%;
Matches 9; Conservative 3
                                                                                                                                                                                                                                                                    ; ORGANISM: Helicobacter pylori
US-09-383-387-2
                                                                                                                                                                                                                                                                                                                                                                                                                                 5 TITKLNAENNATFYFK 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3 THTITKLNAENNATFY 18
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SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 43.8 Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; ORGANISM: Homo sapiens US-10-194-975-93
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-194-975-93
                                                                                                                                                                             SOFTWARE:
SEQ ID NO 2
                                                                                                                                                                                                                                                   TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Thompson, Larry
APPLICANT: Thompson, Larry
APPLICANT: Wang, Feng
CURRENT APPLICATION NUMBER: US/10/316,253
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: US 60/355,295
PRIOR APPLICATION NUMBER: US 60/355,295
NUMBER OF SEQ ID NOS: 308
SOFTWARE: PatentIn version 3.1
SEQ ID NO 215
                                                            APPLICANT: Greis, Kenneth
TITLE OF PROPERTION MODILATING Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 2, Application US/09383387
Patent No. US20020071850A1
GENERAL INFORMATION:
APPLICANT: SUTH, Christopher John
APPLICANT: CLANCY, Robert Llewellyn
APPLICANT: CLANCY, Allan William
TITLE OF INVENTION: HELICOBACTER PYLORI ANTIGEN
FILE REFERENCE: 03035/2019
CURRENT APPLICATION NUMBER: US/09/383,387
CURRENT FILING DATE: 1999-08-26
PRIOR APPLICATION NUMBER: US 09/165,895
                                                                                                                                                                                                                                                                                                                                                                                                       Score 61; DB 12;
Pred. No. 0.31;
4; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 60; DB 12
Pred. No. 0.44;
4; Mismatches
                                                                                                       FILE REFERENCE: 8865M
CURRENT APPLICATION NUMBER: US/10/316,253
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: US 60/355,295
PRIOR FILING DATE: 2002-02-08
NUMBER OF SEQ ID NOS: 308
SOFTWARE: PatentIn version 3.1
LENGTH: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: The Procter & Gamble Company
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 215, Application US/10316253
Publication No. US20030162706A1
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281 LGHSIAQLNAQHNHIFYFK 299
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                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 58.1%;
Best Local Similarity 57.9%;
Matches 11; Conservative 4
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57.98;
                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Rattus norvegicus
US-10-316-253-217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: PRT
; ORGANISM: Rattus norvegicus
US-10-316-253-215
                       Thompson, Larry
Wang, Feng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   11; Conservative
  Peters, Kevin
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-316-253-215
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  APPLICANT:
                                            APPLICANT
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Gaps

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Indels

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GENERAL INFORMATION:
APPLICANT: ROCKWell, Particia
APPLICANT: ROCKWell, Particia
APPLICANT: ROCKWell, Particia
TITLE OF INVENTION: Combination Methods of Inhibiting Tumor Growth With a Vascula
TITLE OF INVENTION: Endothelial Growth Factor Receptor Antagonist
FILE REFERENCE: 11245/46211
CURRENT APPLICATION NUMBER: US/10/091,300
CURRENT FILING DATE: 2002-03-04
NUMBER OF EQ ID NOS: 85
SOFTWARE: WordPerfect 8.0 for Windows
SEQ ID NO 37
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APPLICANT: Marks, James D
APPLICANT: Marks, James D
APPLICANT: Marks, James D
TITLE OF INVENTION: Peter
TITLE OF INVENTION: Botulinum Neurotoxins
FILE REFERENCE: 2500.117050
CURRENT APPLICATION UNMBER: US/09/144,886
NUMBER OF SEQ ID NOS: 98
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 75
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US-09-144-886-75
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                                                                                                                                                                      Length 103;
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56.2%; Pred. No. 17;
tive 3; Mismatches 4; Indels
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                                                                                                                                                                      DB 16;
16;
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50.0%; Pred. No. 24;
Live 6; Mismatches 1
                                                                                                                                                                                                                            Mismatches
  SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                           Score 45;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-091-300-37; Sequence 37, Application US/10091300; Publication No. US20030108545A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 75, Application US/09144886 Patent No. US20020155114A1
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34 HTYKRLNGQLSSTFYAK 50
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ORGANISM: Artificial Sequence
                                                                                                                                                                      h 42.9%;
Similarity 47.1%;
8; Conservative
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72 TLTITSLQPEDSATYY 87
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Best Local Similarity 50.00
Fig. 7; Conservative
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Best Local Similarity 56.29
Matches 9; Conservative
                                                                       ; TYPE: PRT; ORGANISM: Pinus radiata
US-10-174-693-398
                                                                                                                                                                         Query Match
Best Local Similarity
Matches 8; Conservi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Human
US-10-091-300-37
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US-09-144-886-75
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                                                   LENGIH: 103
                         SEQ ID NO 398
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OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.4
OTHER INFORMATION: EST HUMAN HIT: AW378342.1, EVALUE 1.00e-27
OTHER INFORMATION: SWISSPROT HIT: P01605, EVALUE 2.00e-27
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; Sequence 398, Application US/2003013137341
; GENERAL INFORMATION:
; APPLICANT: Blokaberg, Leconard N.
; APPLICANT: Blokaberg, Leconard N.
; TITE OF INVENTION: Materials and Methods for the
; TITE OF INVENTION: Modification of Plant Lignin Content
; FILE REPERBNCE: 11000.1003c5
; CURRENT APPLICATION NUMBER: US/10/174,693
; CURRENT FILING DATE: 1997-11-21
; PRIOR PPLICATION NUMBER: US 08/375,316
; PRIOR FILING DATE: 1996-09-11
; PRIOR FILING DATE: 1996-09-11
; PRIOR FILING DATE: 1996-09-11
; PRIOR FILING DATE: 1998-10-09
; PRIOR PILING DATE: 2000-07-12
; PRIOR FILING DATE: 2000-07-12
; NUMBER OF SEQ ID NOS: 407
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                 PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2000-09-31
PRIOR PILING DATE: 2000-09-31
PRIOR PILING DATE: 2000-09-31
PRIOR PILING DATE: 2000-09-31
PRIOR PILING DATE: 2000-06-30
PRIOR PILING DATE: 2000-06-30
PRIOR PILING DATE: 2001-01-29
APPLICATION NUMBER: GB 24263.6
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Matches 9; Conserva
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US-09-864-761-48570
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SEQ ID NO 48570
LENGTH: 102
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                                                                                                                                                                                                                               Score 43; DB 15; Length 111;
Pred. No. 35;
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                                                                                                                                                                                                                                                                     6; Indels
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Patent No. US20020099180A1
GENERAL INFORMATION:
APPLICANT: Boehringer Ingelheim Pharma KG
TITLE OF INVENTION: Human FAP-alpha-specific antibodies
FILE REFERENCE: 1-1129
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Patent No. US20020099180A1
GENERAL INFORMATION:
APPLICANT: Boehringer Ingelheim Pharma KG
TITLE OF INVENTION: Human FAB-alpha-specific antibodies
FILE REFERENCE: 1-1129
CURRENT APPLICATION UNMBER: US/09/811,737
CURRENT FILING DATE: 2001-03-19
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn Ver. 2.1
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Pred. No. 85;
3; Mismatches
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CURRENT FILING DATE: 2001-03-19
NUMBER OF SEQ ID NOS: 32
PRIOR APPLICATION NUMBER: US/09/786,015
PRIOR FILING DATE: 2001-04-09
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 4
LENGTH: 111
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72 TATLTISSLQAEDEADYY 89
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207 TLTITSLQSEDFATYY 222
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56.28;
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50.08;
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72 TLTITSLQSEDFATYY 87
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Best Local Similarity 50.0%
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Best Local Similarity 56.2
Matches 9; Conservative
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Best Local Similarity 56.2.
Thos 9, Conservative
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US-09-811-737-4
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US-09-811-737-18
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TYPE: PRT
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                                                                                                                   TYPE: PRT
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                                                                                                  Sequence 30. Application US/10083424

Publication No. US20030104497A1

Publication No. US20030104497A1

GENERAL INFORMATION:
APPLICANT: Avicore Biotechnology Institute Inc.
TITLE OF INVENTION: Recombinant Scrv Antibodies Specific to Eimeria spp. Responsible FILE REFERENCE: Avicore-USA-1

CURRENT APPLICATION NUMBER: US/10/083,424

CURRENT FILING DATE: 2002-02-19

PRIOR PRILOR PRILOR TOWNER: RR 2001-52934

PRIOR FILING DATE: 2001-08-30

NUMBER OF SEQ ID NOS: 40
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Pred. No. 34;
3; Mismatches 6; Indels
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Pred. No. 34;
5; Mismatches 3; Indels
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APPLICANT: OLINER, JONATHAN D.
TITLE OF INVENTION: ANGIOPOIETIN-2 SPECIFIC BINDING AGENTS
FILE REFERENCE: A-722
CURRENT APPLICATION NUMBER: US/10/269,805
CURRENT FILING DATE: 2002-10-10
PRIOR PPLICING DATE: 2001-10-11
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Publication No. US20030008355A1
GENERAL INFORMATION:
APPLICANT: Peter Harrison
TITLE OF INVENTION: High-Affinity Antibodies
FILE REFERENCE: GLE-59
CURRENT APPLICATION NUMBER: US/10/199,908
CURRENT FILING DATE: 2002-07-18
                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: chicken hybridoma cell line 13C8
US-10-083-424-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 56, Application US/10269805
Publication No. US20030124129A1
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50.0%;
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50.0%;
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73 TLTISRLEAEDSAVYY 88
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SOFTWARE: Patentin version 3.1
SEQ ID NO 56
LENGTH: 108
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   Query Match
Best Local Similarity 50.09
Matches 9; Conservative
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Best Local Similarity 50.0
Matches 8; Conservative
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SEQ 1D NO 30
LENGTH: 108
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                                                                          RESULT 10
US-10-083-424-30
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US-10-199-908-4
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